

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

## 3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

2044' FSL &amp; 721' FEL NE 1/4/SE 1/4

At proposed prod. zone

SAME

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

26 miles South East of Myton, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

905'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1900'

## 16. NO. OF ACRES IN LEASE

1276.51

## 19. PROPOSED DEPTH

6000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4806' GR

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	250'	Circ to surface
7 7/8"	5 1/2"	14 & 15.5#	6000'	Circ from TD to 200' above top of oil shale

Anticipated BHP 3000#

Drill 12 1/2" hole to approximately 250', set 8 5/8" casing, set up BOP as required to pressure test. Drill 7 7/8" hole to approximately 6000', if production is found feasible, set 5 1/2" production casing.

See attached 10-Point Program and 13-Point Surface U

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE 4/23/85  
BY John R. Bays  
WELL SPACING: C-3(B)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Russ Ivie  
Russ Ivie

TITLE

District Superintendent

DATE

APRIL 17, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

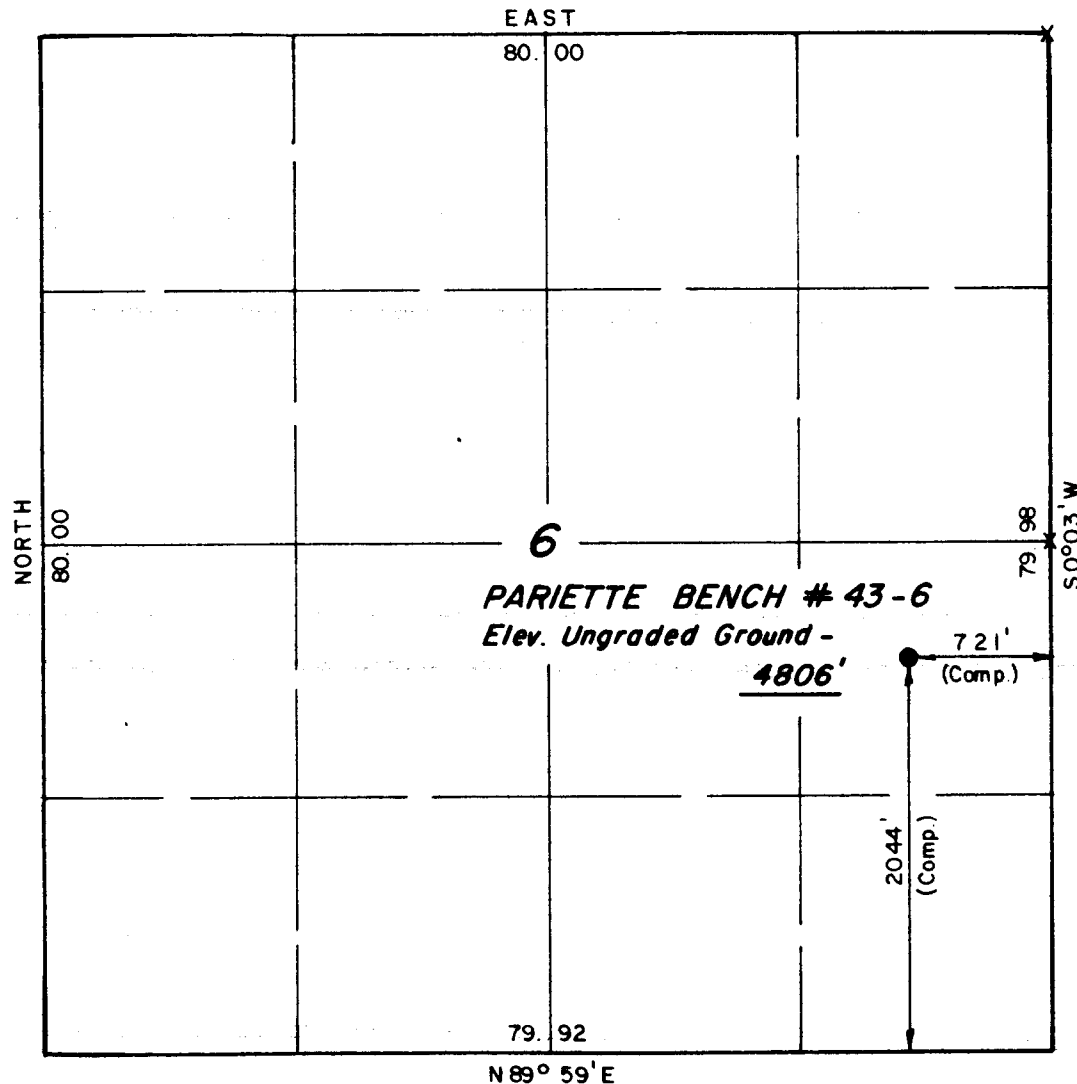
DATE

CONDITIONS OF APPROVAL, IF ANY:

**T9S, R19E, S.L.B.&M.**

PROJECT  
**DIAMOND SHAMROCK**

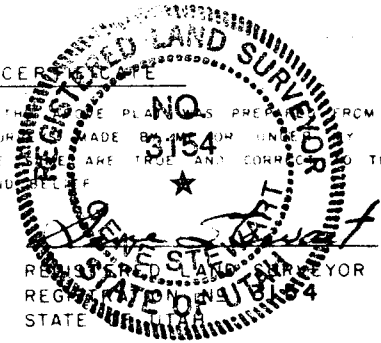
Well location, **PARIETTE**  
**BENCH #43-6**, located as  
shown in the NE1/4 SE1/4  
Section 6, T9S, R19E, S.L.B.&M.  
Uintah County, Utah.



X = Section Corners Located



THIS IS TO CERTIFY THAT THE PLANS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE MEASUREMENTS ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.



<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> <b>P.O. BOX Q - 85 SOUTH - 200 EAST</b> <b>VERNAL, UTAH - 84078</b>			
SCALE	1" = 1000'	DATE	3/20/85
PARTY	DA GS JF RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Uinta Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

(A) Top of Green River FM	1,393'
(B) Top of Oil Shale	1,501'
(C) Horse Bench Sand	3,164'
(D) Base of Oil Shale	3,169'
(E) Garden Gulch	3,707'
(F) Douglas Creek	4,662'
(G) "I" Sandstone	4,735'
(H) "K" Sandstone	5,157'
(I) Upper Black Shale	5,254'
(J) Wasatch Tongue	5,415'
(K) Lower Black Shale	5,814'
(L) T.D.	6,000'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

(A) Oil anticipated in "I" Sand, 1st "K" Sand, 2nd "K" Sand, TWT, Lower Black Shale.

4. PROPOSED CASING PROGRAM

(A) 250' of 8 5/8" surface casing 32# per foot.  
6000' of 5 1/2" 15.5# per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

(A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and Blind Rams and Spherical B.O.P.

(B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

(A) Fresh water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly Cock
- (P) Float At Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING LOGGING AND CORING PROGRAM

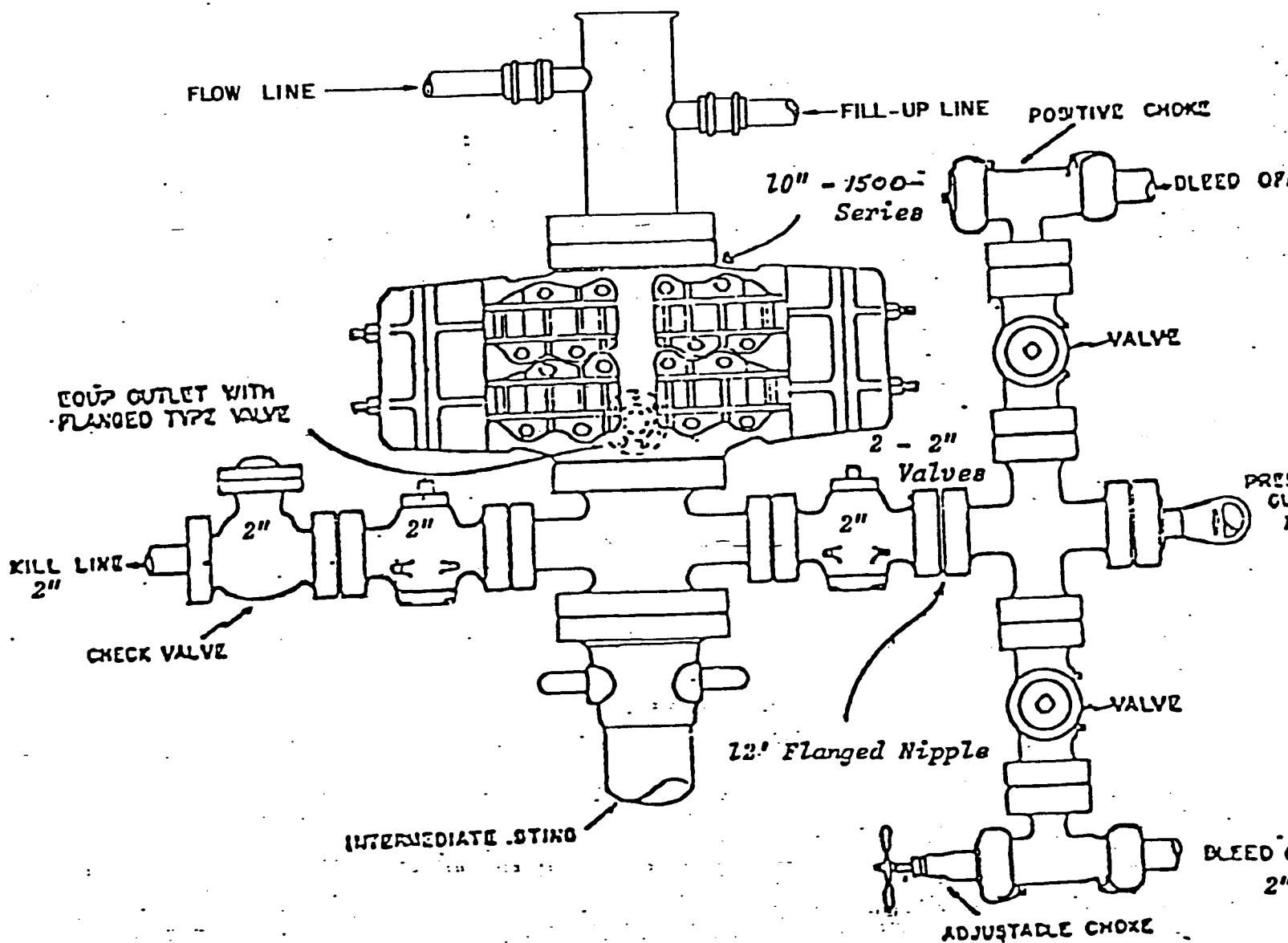
- (A) DIL - SFL Surface casing to T.D.
- (B) GR - FDC - CNL Base of surface casing T.D.
- (C) Cyberlook - Base of surface casing T.D.
- (D) BHC - Sonic - Base of surface casing T.D.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OR HAZARDS

- (A) No abnormal pressure expected
- (B) No Hydrogen Sulfide Gas Expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;  
ONE BLIND AND ONE PIPE RAM.

Diag. A

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Pariette Bench #43-6

Located In

Section 6, T9S, R19E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK EXPLORATION CO., well location site Pariette Bench #43-6, located in the NE 1/4 SE 1/4 Section 6, T9S, R19E, S.L.B. & M., Uintah County, Utah:

Proceed Westerly out of Randlett, Utah along State Highway 88 - 2.8 miles + to the junction of this Highway and an existing county road to the South; proceed Southerly along this county road - 15.8 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where the county road exits to the South; thereafter the road is constructed with existing materials and gravels. The Highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NE 1/4 SE 1/4 Section 6, T9S, R19E, S.L.B. & M., and proceeds in a Southeasterly direction approximately 500' + to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no new culverts required along this access road.

If deemed necessary at the time of the insite inspection turnouts will be constructed for safety purposes. These turnouts will be constructed according to the specifications found on page 25 of the Oil and Gas Surface operation standards manual prepared by the B.L.M. and the U.S.G.S.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

If any surfacing is done on this road or location pad the B.L.M. will be notified.

### 3. LOCATION OF EXISTING WELLS

There are approximately 18 existing wells within a one mile radius of this proposed location site.

There are no known water wells, abandoned wells, shut in wells or wells for observation or for other resources within a one-mile radius.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION within a one mile radius.

A tank battery site will be set at the proposed location site. It will be located on the west corner between corner #4 and #5. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road from Pariette Draw in the SE 1/4 Section 27, T8S, R18E, S.L.B. & M.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.



6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

The reserve pit will be lined with a plastic liner.

The pits will have wire and overhead flagging installed necessary to protect the water fowl, wildlife, and domestic animals, there will be at least one strand of barbed wire topping the wire mesh.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

Burning will not be allowed. All trash will be contained in a wire mesh trash basket and hauled to the nearest sanitary landfill.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

The reserve pits will be located on the West side of the location between corner #4 and #5.

Access to the pad will be from South and West between corner #2 and #3.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site (located on the Northeast corner of the location between corner #1 and #8) all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill. If a plastic nylon reinforced liner is used it will be torn and perforated before backfilling of the reserve pit.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10. If the seed mixture is broadcast, the seed will be proportionately larger to total double the pounds per acre.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 6 miles to the South of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Pariette Bench #43-6 is located approximately 2,000' Northeast of a Pariette Draw a non-perennial drainage which runs to the Southeast into the Green River.

The terrain in the vicinity of the location slopes from the Northwest through the location site to the Southeast at approximately a 5% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands involved under this action are under B.L.M. jurisdiction.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

If this well is produced the access road will be rerouted through the NW 1/4 NW 1/4 Section 5, T9S, R19E. This area has previously been cleared for archeology. One large wash will be crossed. Two 24" culverts will be installed for spillway, with stilling basin riprapped on upstream side.

Onsite Inspection Date: April 16, 1985

DIAMOND SHAMROCK CORPORATION  
Pariette Bench #43-6  
Section 6, T9S, R19E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Russ Ivie  
DIAMOND SHAMROCK CORPORATION  
Drawer E  
Vernal, UT 84078

1-801-789-5270

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK EXPLORATION, CO. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

4-17-85  
Date

Russ Ivie  
Russ Ivie

DIAMOND SHAMROCK EXPLOR.

PARIETTE BENCH #43-6

PROPOSED LOCATION

TOPO.

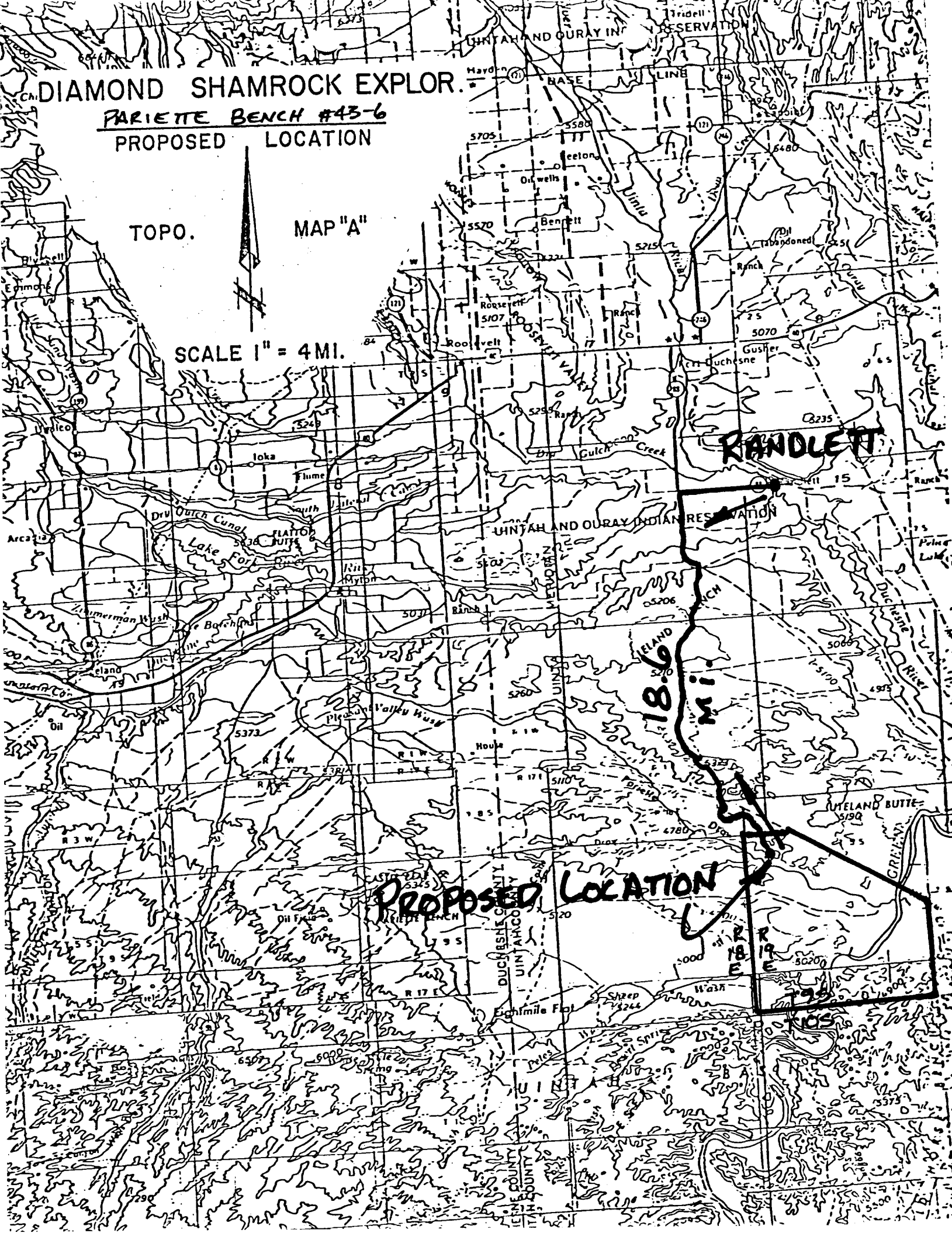
MAP "A"

SCALE 1" = 4 MI.

RANDLETT

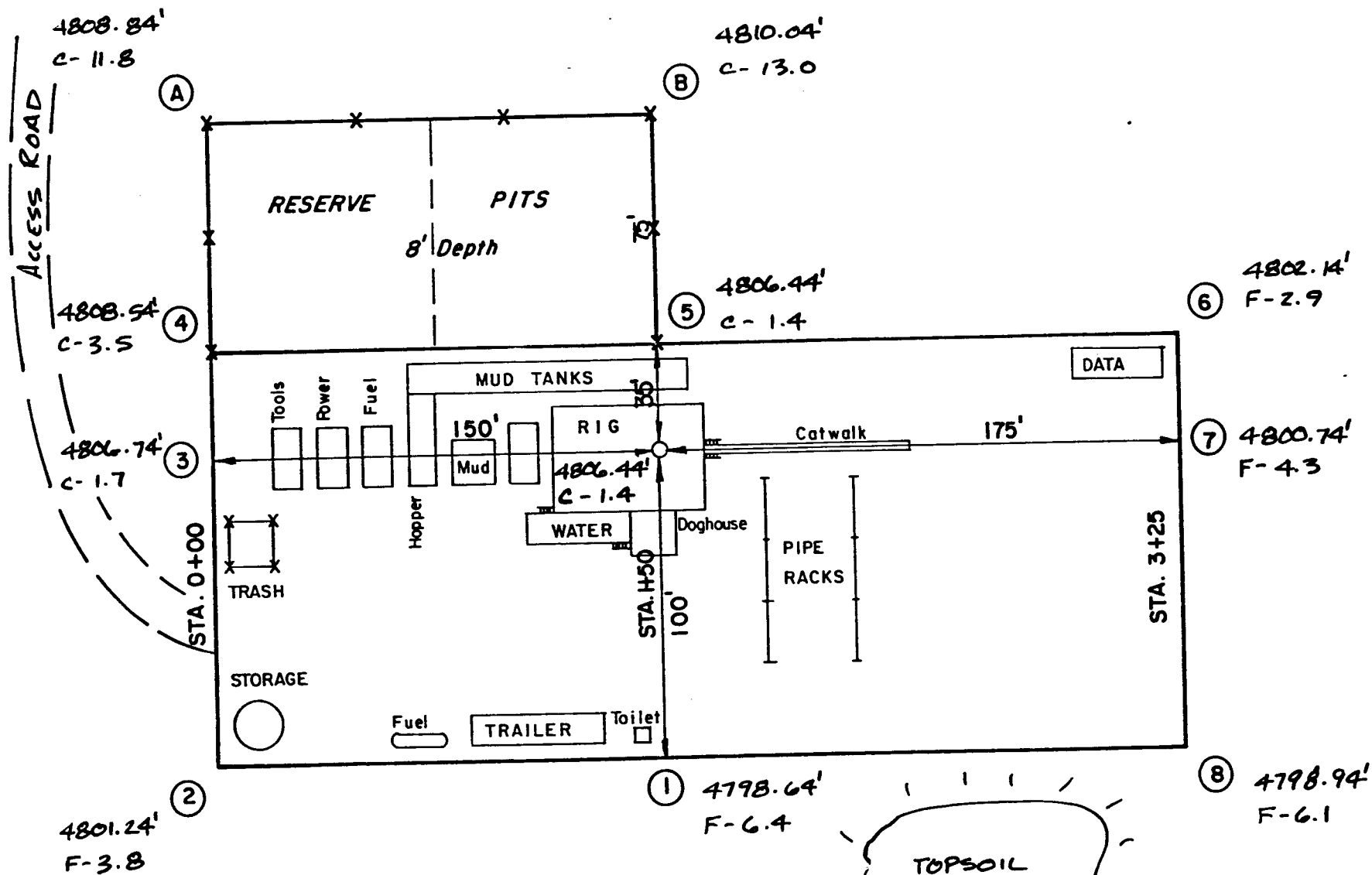
18.6 mi.

PROPOSED LOCATION



# DIAMOND SHAMROCK

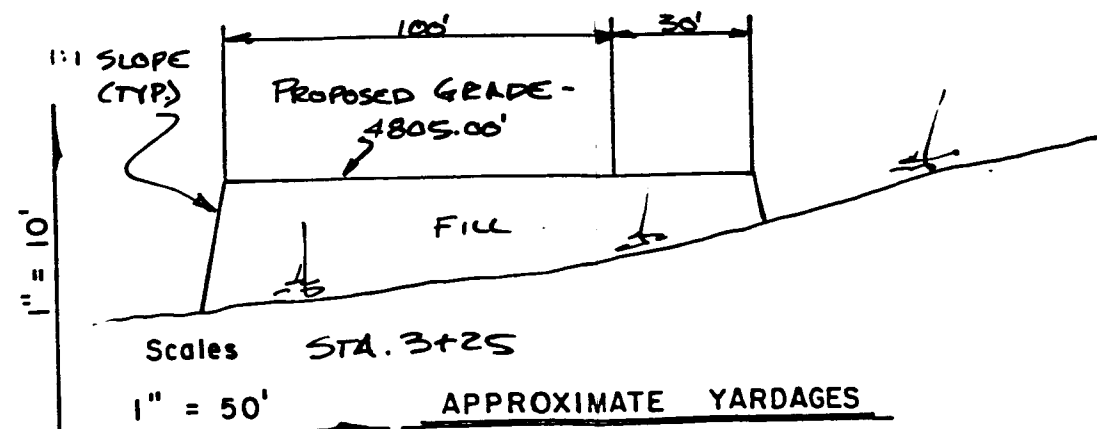
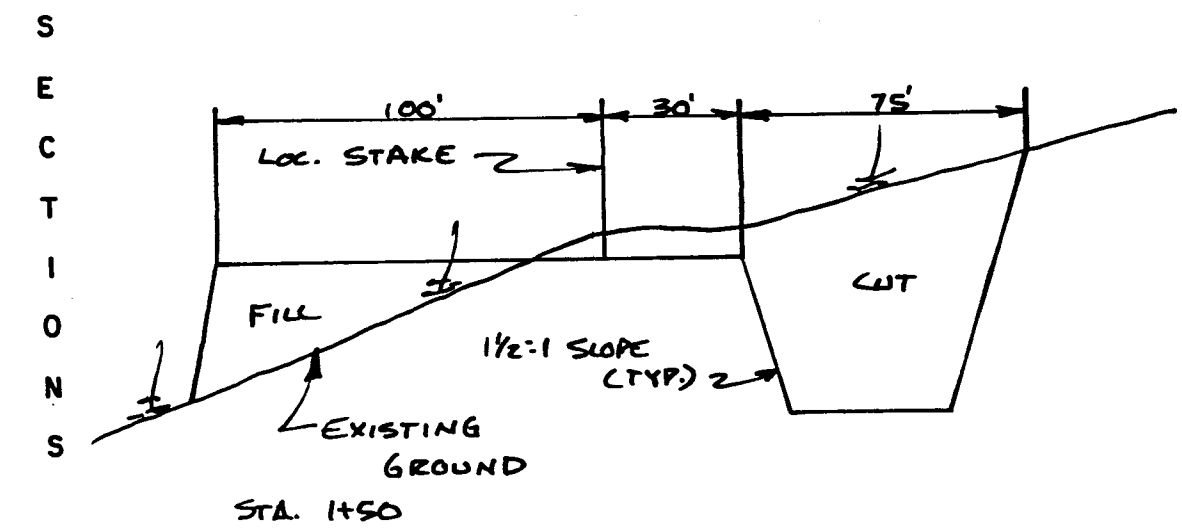
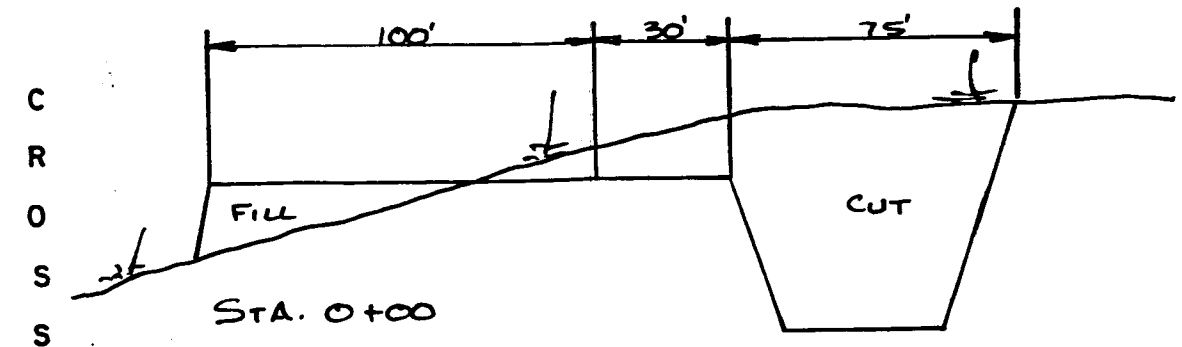
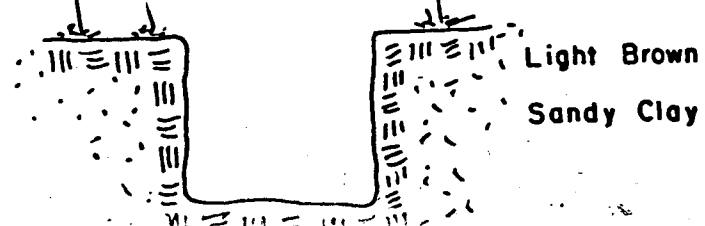
PARIETTE BENCH #43-6



SCALE: 1" = 50'  
DATE: 3/20/85

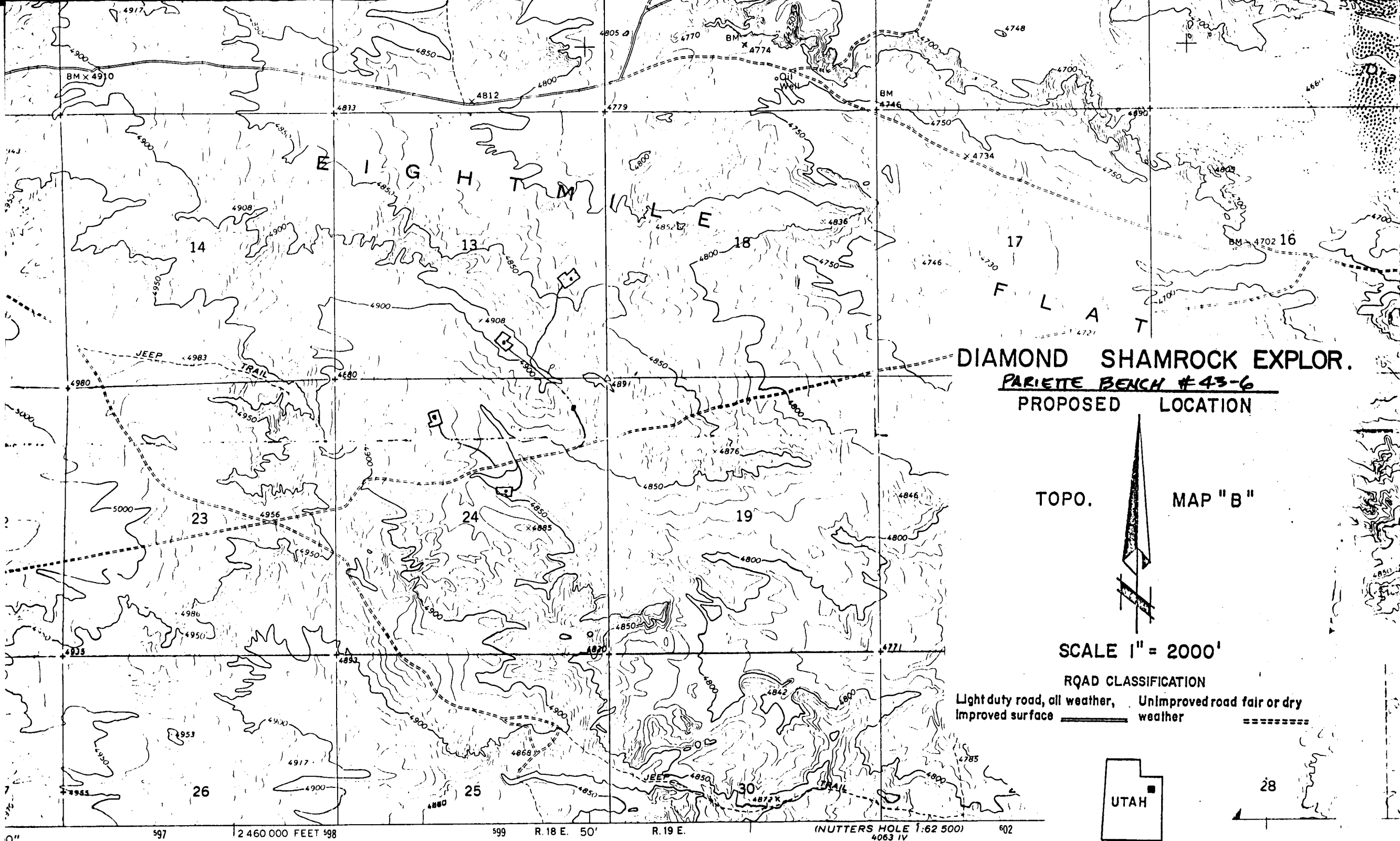
## SOILS LITHOLOGY

- No Scale -

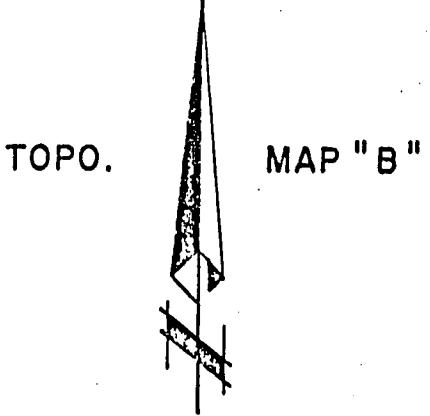


Cubic Yards Cut - 5030

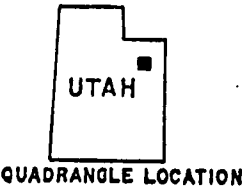
Cubic Yards Fill - 4590



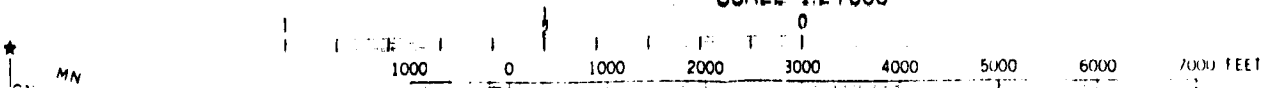
**DIAMOND SHAMROCK EXPLOR.**  
**PARIETTE BENCH #43-6**  
**PROPOSED LOCATION**

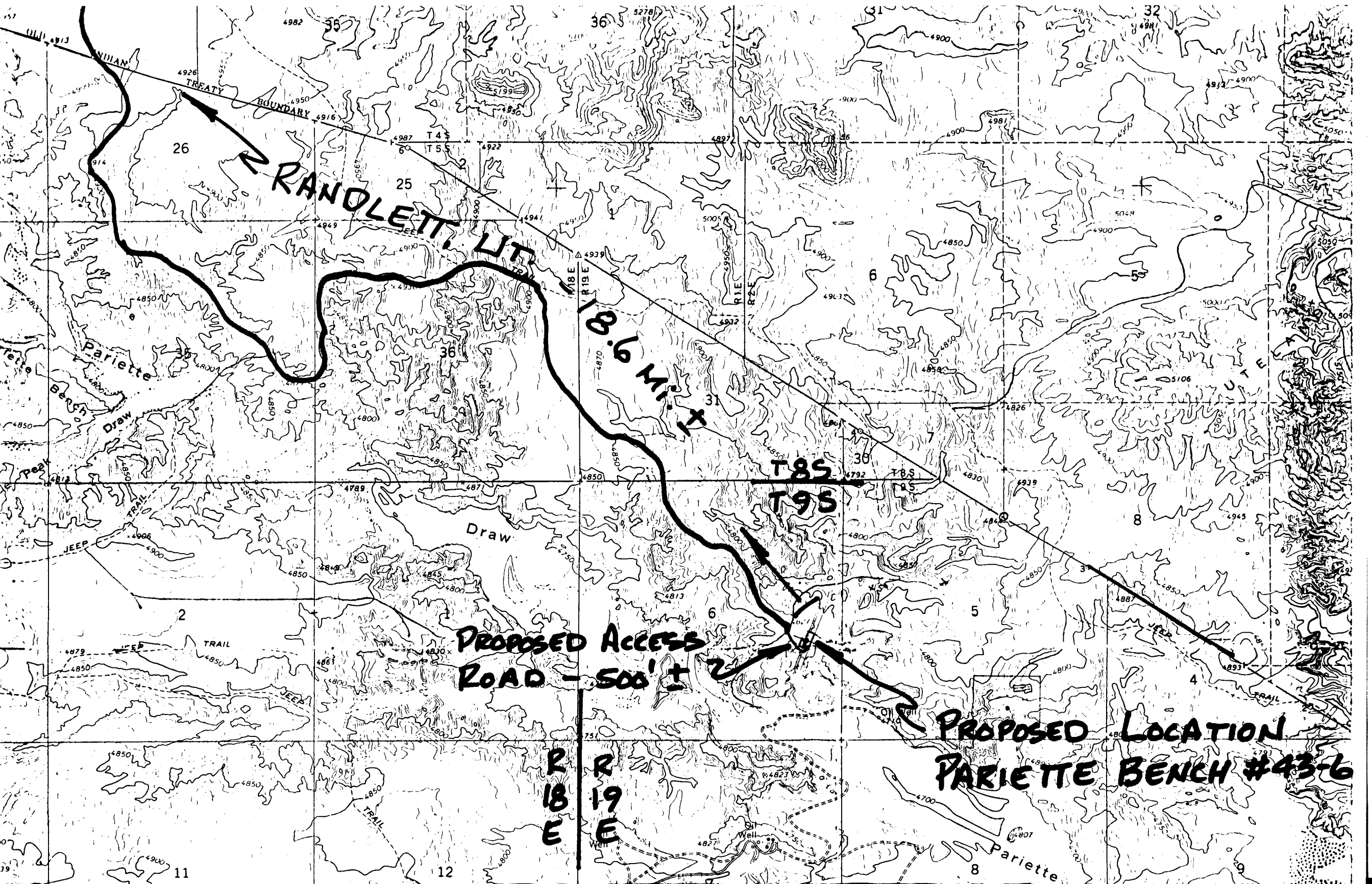


**RQAD CLASSIFICATION**  
Light duty road, all weather, improved surface Unimproved road fair or dry weather



Prepared, edited, and published by the Geological Survey  
in cooperation with the Bureau of Reclamation  
Control by USGS and USC&GS







OPERATOR Diamond Shamrock Exploration DATE 4/22/85  
WELL NAME Pariette Beach Fed. 43-6  
SEC NE SE 6 T 9S R 19E COUNTY Wintal

43-047-31616  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☐

NEAREST WELL

☒

LEASE

☒

FIELD

☒

POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'

Need water permit

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

STIPULATIONS:

1- water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 23, 1985

Diamond Shamrock Exploration Company  
P. O. Drawer E  
Vernal, Utah 84078

Gentlemen:

Re: Well No. Pariette Bench Federal 43-6 - NE SE Sec. 6, T. 9S, R. 19E  
2044' FSL, 721' FEL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

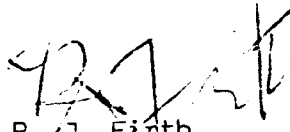
Page 2

Diamond Shamrock Exploration Company  
Well No. Pariette Bench Federal 43-6  
April 23, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31616.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RS

Inclosures

cc: Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31616

NAME OF COMPANY: DIAMOND SHAMROCK

WELL NAME: PARIETTE BENCH FEDERAL 43-6

SECTION NE SE 6 TOWNSHIP 9S RANGE 19E COUNTY Uintah

DRILLING CONTRACTOR \_\_\_\_\_

RIG # \_\_\_\_\_

SPUDDED: DATE 5-4-85

TIME 4:00 PM

How \_\_\_\_\_

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Rob Michellotti

TELEPHONE # \_\_\_\_\_

DATE 5-7-85 SIGNED JRB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

RECEIVED

## 5. LEASE DESIGNATION AND SERIAL NO.

U-017992

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

PARIETTE BENCH FED.

## 9. WELL NO.

43-6

## 10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

SEC. 6, T9S, R19E SLB&amp;M

## 12. COUNTY OR PARISH

UINTAH

## 13. STATE

UTAH

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

## 3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2044' FSL & 721' FEL NE $\frac{1}{4}$ /SE $\frac{1}{4}$ 

At proposed prod. zone

SAME

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26 miles South East of Myton, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
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(Also to nearest drilg. unit line, if any)

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1276.51

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TO THIS WELL

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OR APPLIED FOR, ON THIS LEASE, FT.

1900'

## 19. PROPOSED DEPTH

6000'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4306' GR

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23.

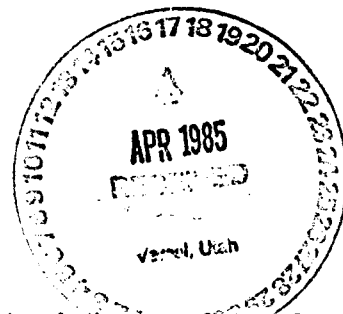
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	250'	Circ to surface
7 7/8"	5 1/2"	14 & 15.5#	6000'	Circ from TD to 200' above top of oil shale

Anticipated BHP 3000#

Drill 12 1/2" hole to approximately 250', set 8 5/8" casing, set up BOP as required to pressure test. Drill 7 7/8" hole to approximately 6000', if production is found feasible, set 5 1/2" production casing.

See attached 10-Point Program and 13-Point Surface Use Plan.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Russ Ivie*  
Russ Ivie

TITLE

District Superintendent

DATE

APRIL 17, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*J. H. Bergman*

TITLE

DISTRICT MANAGER

DATE

4/26/85

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

U-080-5M-125

BLM

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Diamond Shamrock Oil and Gas Co. Well No. 43-6  
Location Sec. 6 T9S R19E Lease No. U-017992  
Onsite Inspection Date 04-16-85

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Prior to drilling out the surface casing shoe, the ram-type preventer shall be tested to 2,000 psi, and the annular-type preventer (spherical) shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



B. THIRTEEN POINT SURFACE USE PLAN

7. Planned Access Roads

a. Width: 30' right-of-way.

All travel will be confined to existing access road rights-of-way.

8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. Source of Construction Material

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

10. Methods of Handling Waste Disposal

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

11. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

If seed is broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

12. Surface and Mineral Ownership

BLM surface - Federal minerals.

13. Other Information

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other

2. NAME OF OPERATOR  
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2044' FSL & 721' FEL NE/SE

AT TOP PROD. INTERVAL: N/A

AT TOTAL DEPTH: N/A

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) NOTICE OF SPUD ☐

5. LEASE

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH FEDERAL

9. WELL NO.

43-6

10. FIELD OR WILDCAT NAME

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SECTION 6, T9S, R19E, SLB&M

12. COUNTY OR PARISH

UINTAH

13. STATE  
UTAH

14. API NO.

43-047-31616

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4806' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED

MAY 13 1985

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface location measured and true vertical depths for all markers and zones pertinent to this work.)\*

DATE SPUDDED: 5-5-85

DATE: 11:40 A.M.

SPUDDED BY: LEON ROSS RATHOLE RIG

ROTARY RIG: OLSEN DRILLING RIG #5

MI&RU: 5-6-85

Drilled 12 1/4" hole to 250', ran 5 joints 8 5/8" 24# K-55 casing to 224.60'. Cemented to surface with 200 sx Class H cement w/2% CaCl<sub>2</sub> w/1/4#/sx cello seal.

VERBAL REPORT OF SPUD CALLED IN TO Alan McKee W/VERNAL AREA OFFICE/BLM. 5-5-85.

REPORT OF SPUD TELEPHONED IN TO Ron Firth W/UTAH STATE DIVISION OF OIL, GAS AND MINING, 5-5-85.

DRILLING WATER WILL BE PURCHASED FROM D.E. CASADA UNDER PERMIT # 47-1750.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Russ Ivie*  
RUSS IVIE

TITLE

DIST. SUPERINTENDENT

DATE

5-6-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen a well back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

MAY 17 1985

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2044' FSL & 721' FEL NE/SE

AT TOP PROD. INTERVAL: N/A

AT TOTAL DEPTH: N/A

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) WEEKLY DRILLING REPORT

5. LEASE

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH FIELD

9. WELL NO.

43-6

10. FIELD OR WILDCAT NAME

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SECTION 6, T9S, R19E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

14. API NO.

43-047-31616

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4806' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5-5-85 Spud Hole w/Leon Ross Rathole Rig. Run 5 jts 8 5/8" casing to 224.60'. cement to surf w/200 sx "H" cement.

5-6-85 RU Olsen #5, press test BOP's, Drill to 263'

5-7-85 Drilling @ 1085'

5-8-85 Drilling @ 2450'

5-9-85 Drilling @ 3270'

5-10-85 Drilling @ 3941'

5-11-85 Drilling @ 4790'

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

FOR RUSS IVIE

TITLE

DIST. SUPERINTENDENT

DATE

5-13-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

081812

RECEIVED

MAY 28 1985

TEMPORARY

May 24, 1985

DIVISION OF OIL  
GAS & MINING

*Diamond Shamrock*

D.E. Casada Construction  
P.O. Box K  
Vernal, UT 84078

Dear Applicant:

RE: TEMPORARY APPLICATION  
NUMBER 47-1750 (T60875)

Enclosed is a copy of approved Temporary Application Number 47-1750 (T60875). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire August 31, 1985, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

Robert L. Morgan, P.E.  
State Engineer

RLM:slm

Encl.: Copy of approved Temporary Application

TEMPORARY

56 63 46

Application No. T. 60825

## APPLICATION TO APPROPRIATE WATER

RECEIVED  
MAY 28 1985  
DIVISION OF OIL  
GAS & MINING  
STATE OF UTAH

47-1750

RECEIVED

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following division of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒ **Oil Well Drilling**

2. The name of the applicant is D. E. Casada, Construction

3. The Post Office address of the applicant is P. O. Box "K", Vernal, Utah 84078

4. The quantity of water to be appropriated 3.00 second-feet and/or 3.00 acre-feet

5. The water is to be used for Oil Well Drilling from May 7, 1985 to 8-7-1985  
(Major Purpose) (Month) (Day) (Month) (Day)

other use period \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_  
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)

7. The direct source of supply is\* Pariette Draw  
(Name of stream or other source)

which is tributary to \_\_\_\_\_, tributary to \_\_\_\_\_

\*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point\*  
North 770 ft. East 600 ft. from S $\frac{1}{2}$  Cor. Sec. 27, T8S, R18E, SLB&M  
(10 $\frac{1}{2}$  Miles SW of Ouray)

Pariette Draw SW Quad

\*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of pumped into tank trucks and hauled to  
place of use

10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

\_\_\_\_\_ Total \_\_\_\_\_ Acres

12. Is the land owned by the applicant? Yes \_\_\_\_\_ No \_\_\_\_\_ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No \_\_\_\_\_

If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at  
the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered \_\_\_\_\_

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses Oil well drilling &  
completion of Pariette Bench 43-6

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 6, T9S, R19E, SLB&M 43-047-21616

21. The use of water as set forth in this application will consume 3.0 second feet and/or acre-feet of water and None second feet and/or acre feet will be returned to the natural stream or source at a point described as follows: \_\_\_\_\_

## EXPLANATORY

**The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:**

(Use page 4 if additional explanatory is needed.)

**The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described**

Signature of Applicant\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

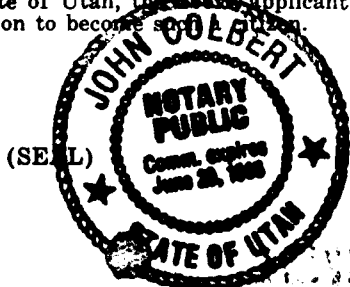
## DECLARATION OF CITIZENSHIP

STATE OF UTAH,

STATE OF OREGON  
County of Clatsop ss

On the 6<sup>th</sup> day of May, 1985, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

**My commission expires:**



Notary Public



# FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1 .....	\$ 15.00
over 0.1 to 0.5 .....	30.00
over 0.5 to 1.0 .....	45.00
over 1.0 to 15.0 .....	45.00 plus \$7.50 for each cfs above the first cubic
over 15.0 .....	150.00 foot per second.

Storage — acre-feet	
0 to 20 .....	22.50
over 20 to 500 .....	45.00
over 500 to 7500 .....	45.00 plus \$7.50 for each 500 a.f. above the first
over 7500 .....	150.00 500 acre feet.

(This section is not to be filled in by applicant)

## STATE ENGINEER'S ENDORSEMENTS

1. May 8, 1985 Application received by mail over counter in State Engineer's office by RP
2. .... Priority of Application brought down to, on account of .....
3. 5-13-85 Application fee, \$ 15.00, received by Jf Rec. No. 18078
4. .... Application microfilmed by ..... Roll No. ....
5. .... Indexed by ..... Platted by .....
6. 5-8-85 Application examined by RP
7. .... Application returned, ..... or corrected by office .....
8. .... Corrected Application resubmitted by mail over counter to State Engineer's office.
9. .... Application approved for advertisement by .....
10. .... Notice to water users prepared by .....
11. .... Publication began; was completed .....
12. .... Notice published in .....
13. .... Proof slips checked by .....
14. .... Application protested by .....
15. .... Publisher paid by M.E.V. No. ....
16. .... Hearing held by .....
17. 5-8-85 Application designated for approval RP S.G.
18. 5/24/85 Application copied or photostated by slm proofread by .....
19. 5/24/85 Application approved rejected
20. Conditions:

This Application is approved, subject to prior rights, as follows:

  - a. Actual construction work shall be diligently prosecuted to completion.
  - b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
  - c. TEMPORARY APPROVAL -- EXPIRES August 31, 1985.
21. .... Time for making Proof of Appropriation extended to .....
22. .... Proof of Appropriation submitted.
23. .... Certificate of Appropriation, No. ...., issued

Robert L. Morgan, P.E., State Engineer

TEMPORARY

Application No. T-60825

47-1750

WATER RIGHTS DATA BASE  
 DATE 5/18/85 BY MLK  
 ENTERED 5/18/85 BY MLK  
 VERIFIED 5/18/85 BY MLK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-017992	
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2044' FSL & 721' FEL		8. FARM OR LEASE NAME PARIETTE BENCH FED.	
13. PERMIT NO. 43-047-31616		9. WELL NO. 43-6	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4806' GR		10. FIELD AND POOL, OR WILDCAT PARIETTE BENCH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 6, T9S, R19E	
		12. COUNTY OR PARISH 13. STATE	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <u>REPORT OF FIRST PRODUCTION</u> <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *			

DIAMOND SHAMROCK EXPLORATION COMPANY is reporting first production on the above referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Rob Michelotti

TITLE Production Engineer

DATE 5-31-85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
DIAMOND SHAMROCK EXPLORATION COMPANY		PARIETTE BENCH FEDERAL
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. DRAWER "E", VERNAL, UTAH 84078		43-6
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT
2044' FSL & 721' FEL		PARIETTE BENCH FIELD
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
43-047031616	15. ELEVATIONS (Show whether DF, RT, CR, etc.)	SEC. 6, T9S, R19E
	4806' GR	12. COUNTY OR PARISH 13. STATE
		UINTAH UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) SITE FACILITY DIAGRAM <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY submits the attached site facility diagram for your records. The site facility plan for this well will be on file in our Vernal District Office for your inspection at your convenience.

RECEIVED

JUN 11 1985

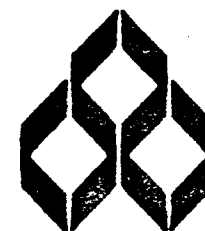
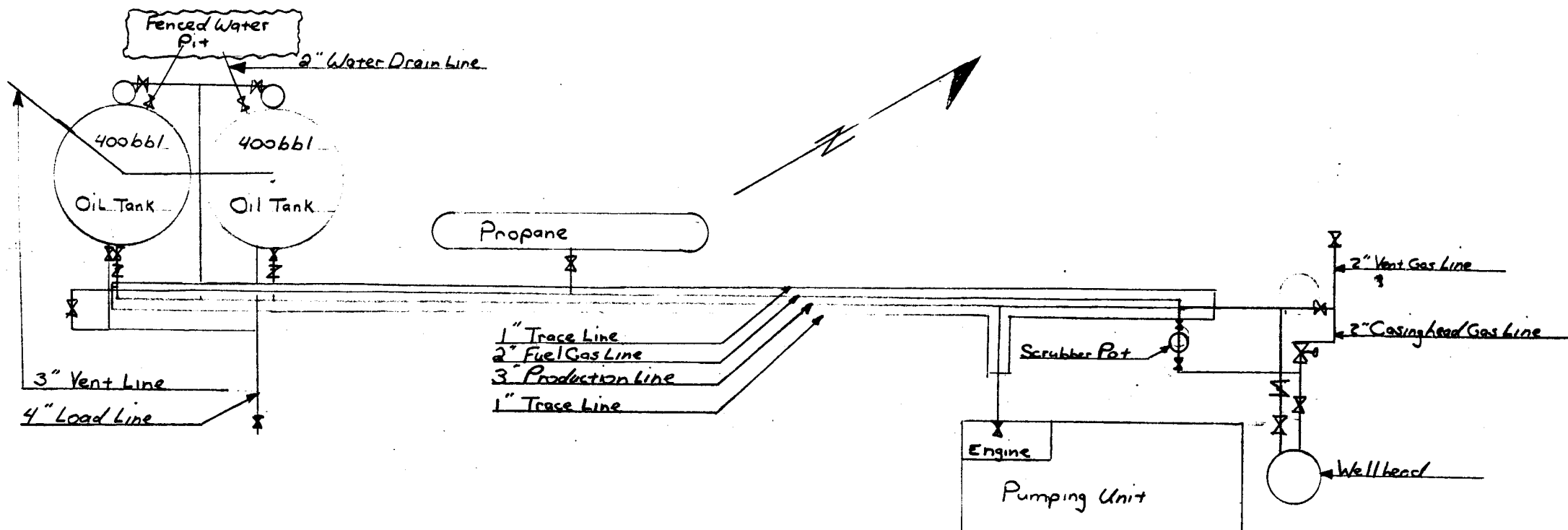
DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Rob Michelotti</u>	TITLE <u>Production Engineer</u>	DATE <u>June 10, 1985</u>
(This space for Federal or State office use)		

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



**Diamond  
Shamrock**

WELL NAME: Pariette Bench 43-6

LEASE #: U-017992

LOCATION: 2044' FSL and 721' FEL

SECTION, TWP & RGE: Sec. 6, T9S R19E

COUNTY, STATE: Uintah County, Utah

⊗ Back Pressure Valve

⊗ Control Valve

⌞ Check Valve

DIAGRAM NOT TO SCALE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-013  
Expires August 31, 1985

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

2044' FSL & 721' FEL. NESE

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

43-047-31616

4-23-85

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) \*

19. ELEV. CASINGHEAD

5-6-85

5-14-85

5-31-85

4706' GR

4809'

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY \*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

6000'

5407

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) \*

5181-5186'

5205-5221' GREEN RIVER

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

~~DLTB, EPT, LDT, CNL, ML, CBL, GR~~ Sample

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	237'	12 1/4"	200 sx Class H	None
5 1/2"	15.5#	5707'	7 7/8"	184 sx Hilift & 342 RFC	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5176'	None

31. PERFORATION RECORD (Interval, size and number)

5181-5186' 4 holes (.48")

5205-5221' 12 holes (.48")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5181-5186	90,000 gal Beta gel w/138,000#
5205-5221	20/40 sd and 48,000 # 10/20 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-31-85		Pumping 2 x 1/2 x 16' RWBC					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-13-85	24	---	→	75	9	6	120:1	
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER BBL.	OIL GRAVITY-API (CORR.)		
-----	-----	→	75	9	6	32.2 @ 60°F		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

USED FOR FUEL

TEST WITNESSED BY

JOE BOWDEN

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rob Michelotti  
ROB MICHELOTTI

TITLE

PRODUCTION ENGINEER

DATE

6-14-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River	1391'		DST- "I" Sand (4721-4758') Flow #1 - 30 min, pr. 11 psi SI #1 - 60 min Flow #2 - 60 min, pr. 10 psi 610 ft. oil in pipe SI #2 - 120 min			
Top oil shale	1513'					
Horsebench S.S.	2180'					
Base oil shale	3240'					
Garden Gulch	3730'					
Douglas Creek	4678'					
I Sand	4733'					
Upper Black Shale	5262'					
Wasatch Tongue	5420'					
Lower Black Shale	5834'					

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH FED.

9. WELL NO.

43-6

10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SEC. 6, T9S, R19E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.  
See also space 17 below.)  
At surface

2044' FSL & 721' FEL

15. PERMIT NO.

43-047-31616

16. ELEVATIONS (Show whether DF, RT, GR, etc.)

4806' GR

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

NTL-4A

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to vent excess casinghead gas from the Pariette Bench Federal 43-6. This well is currently venting approximately 19 MCF/day of gas not being used on lease. The nearest pipeline is approximately 15 miles to the west of the subject well. The economics and practicality of the volume vented, do not warrant the present or future laying of a pipeline.

The oil reservoirs presently producing in this well are the solution gas drive type so closing off of the casinghead gas is not a viable alternative and would lead to the premature abandonment of recoverable oil reserves.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 8/23/85

BY: John R. Dyer

Federal approval of this action  
is required before commencing  
operations.

18. I hereby certify that the foregoing is true and correct

SIGNED

ROB MICHELOTTI

TITLE

PRODUCTION ENGINEER

DATE

8-26-85

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH FEDERAL

9. WELL NO.

43-6

10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SEC. 6, T9S, R19E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2044' FSL & 721' FEL

15. PERMIT NO.

43-047-31616

16. ELEVATIONS (Show whether DF, ST, GR, etc.)

4706' GR

RECEIVED

AUG 27 1985

DIVISION OF OIL  
GAS & MINING

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) NTL-2B

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to dispose of produced water in an unlined pit on the Pariette Bench Federal 43-6 well, under provisions of NTL-2B, Section IV, Exception #4. The following information is provided for this request:

1. Daily quantity of water does not exceed 5 bbls/day. Water produced is from the Green River formation.
2. Attached location schematic and topo map show location of the pit in relation to the wellhead and local drainages. The pit will be in a "cut" portion of the location and will be approximately 15' x 15' x 4' deep.
3. Estimated percolation rate for the soil is 1 bbl/day.
4. Evaporation rate for the area, compensated for annual rainfall is 50 in./year.
5. No water was encountered during the drilling of the 237' surface casing hole.

18. I hereby certify that the foregoing is true and correct

SIGNED

Rob Michelotti  
ROB MICHELOTTI

TITLE PRODUCTION ENGINEER

DATE AUG. 26, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



RECEIVED

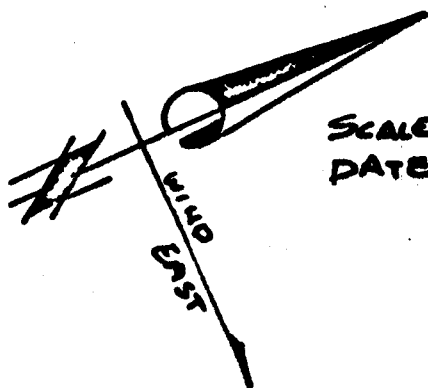
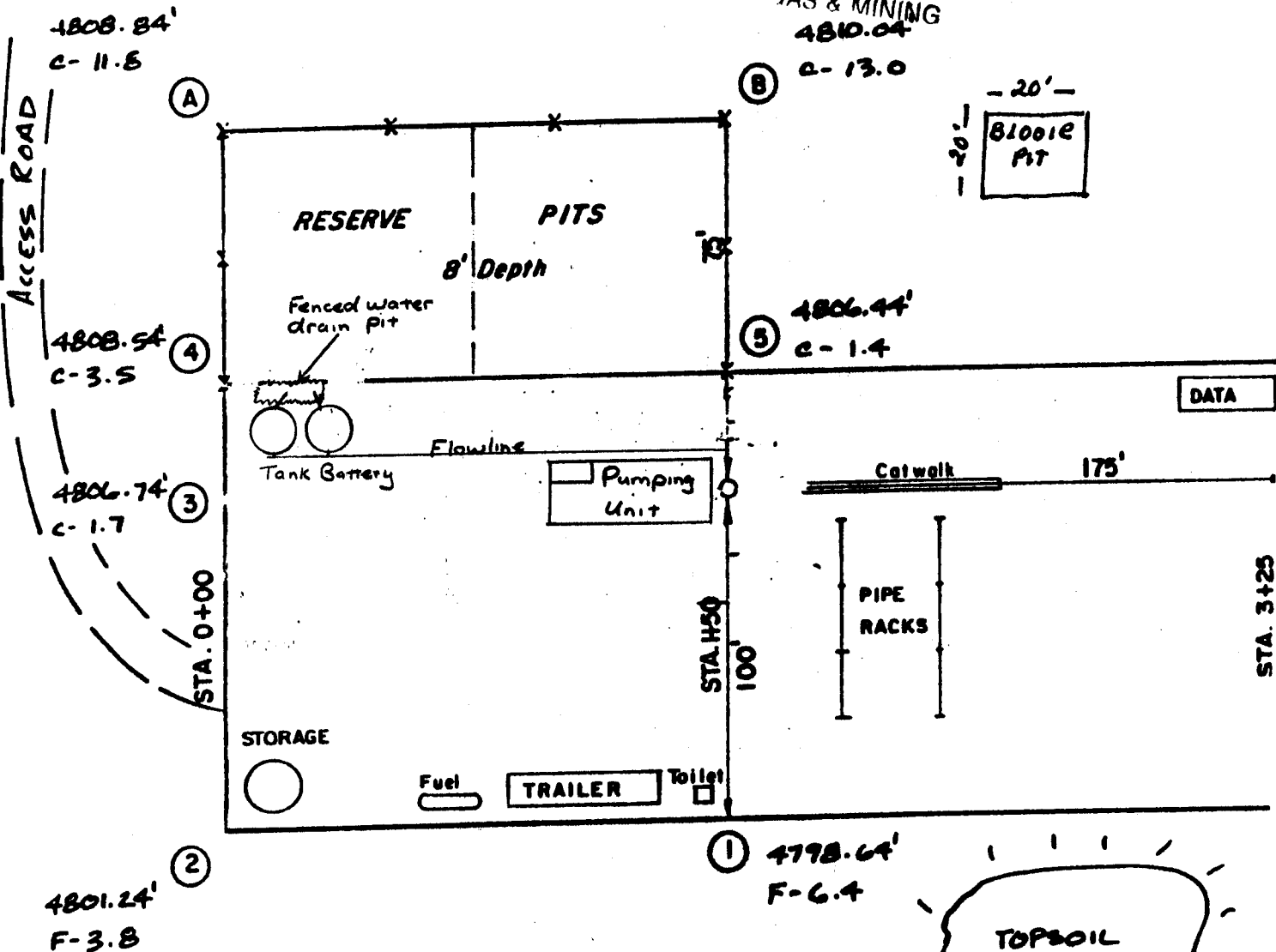
AUG 27 1985

DIVISION OF OIL  
GAS & MINING  
4810.04

C-13.0

-20'-

B1001E  
PIT



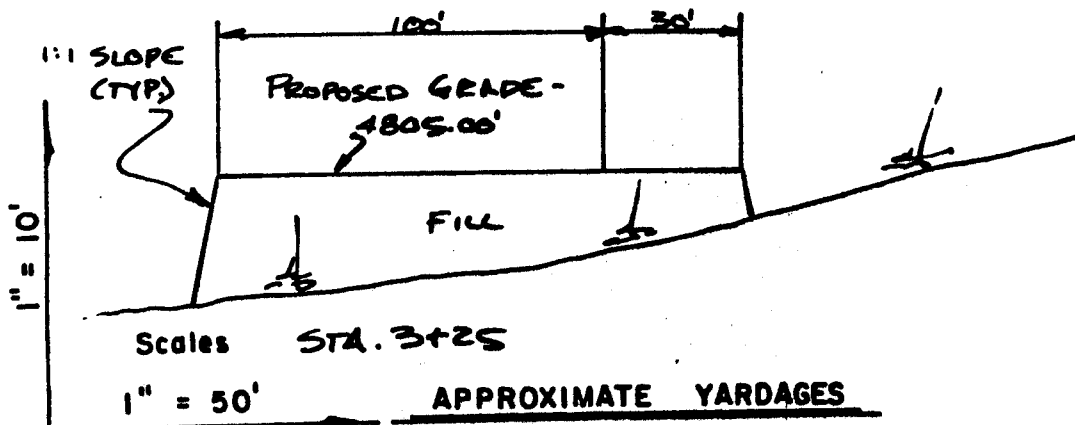
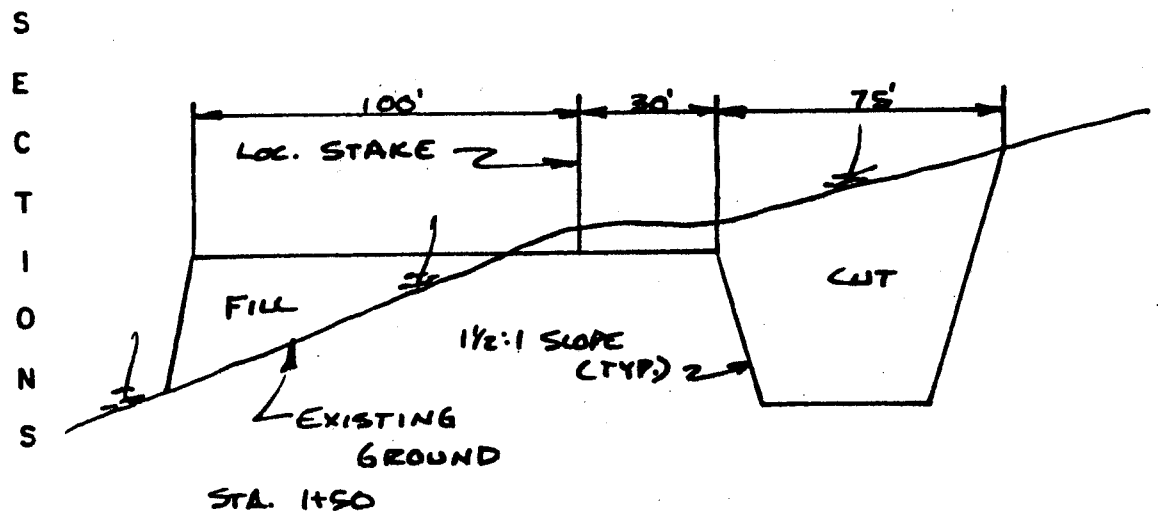
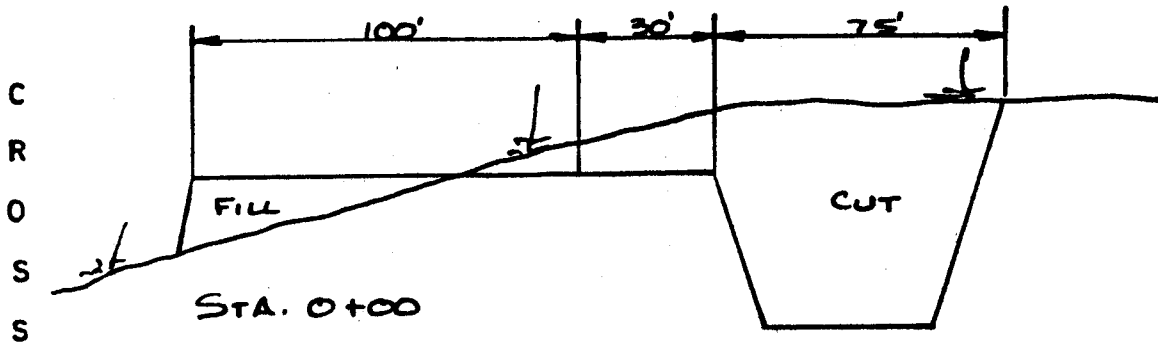
SCALE: 1" = 50'  
DATE: 3/20/85

SOILS LITHOLOGY

- No Scale -

# DIAMOND SHAMROCK

## PARIETTE BENCH #43-6



Cubic Yards Cut - 5030

⑥ 4802.14'  
F-2.9

⑦ 4800.74'  
F-4.3

⑧ 4798.94'  
F-6.1



DISTRICT LABORATORY  
Box 339, VERNAL, UTAH 84078

**LABORATORY REPORT**

No. \_\_\_\_\_

To Rob Michellotti

Date 8-16-85

Diamond Shamrock

Vernal, Utah

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

We give below results of our examination of Produced fluid

Submitted by Rob

Marked Parriette Bench Federal #43-6 8-14-85

pH	7.9
SPGR	1.016
Rw	0.47 ohm/m @78°F
Calcium	86 mg
Magnesium	Nil
Chlorides	17162
Bicarbonates	114
Carbonates	Nil
Total Dissolve Solids	23,200

RCJ/mlk

cc: C. C. Morey  
D. J. Lube  
R. C. Curtice  
C. E. Dansie  
B. G. Bills  
file

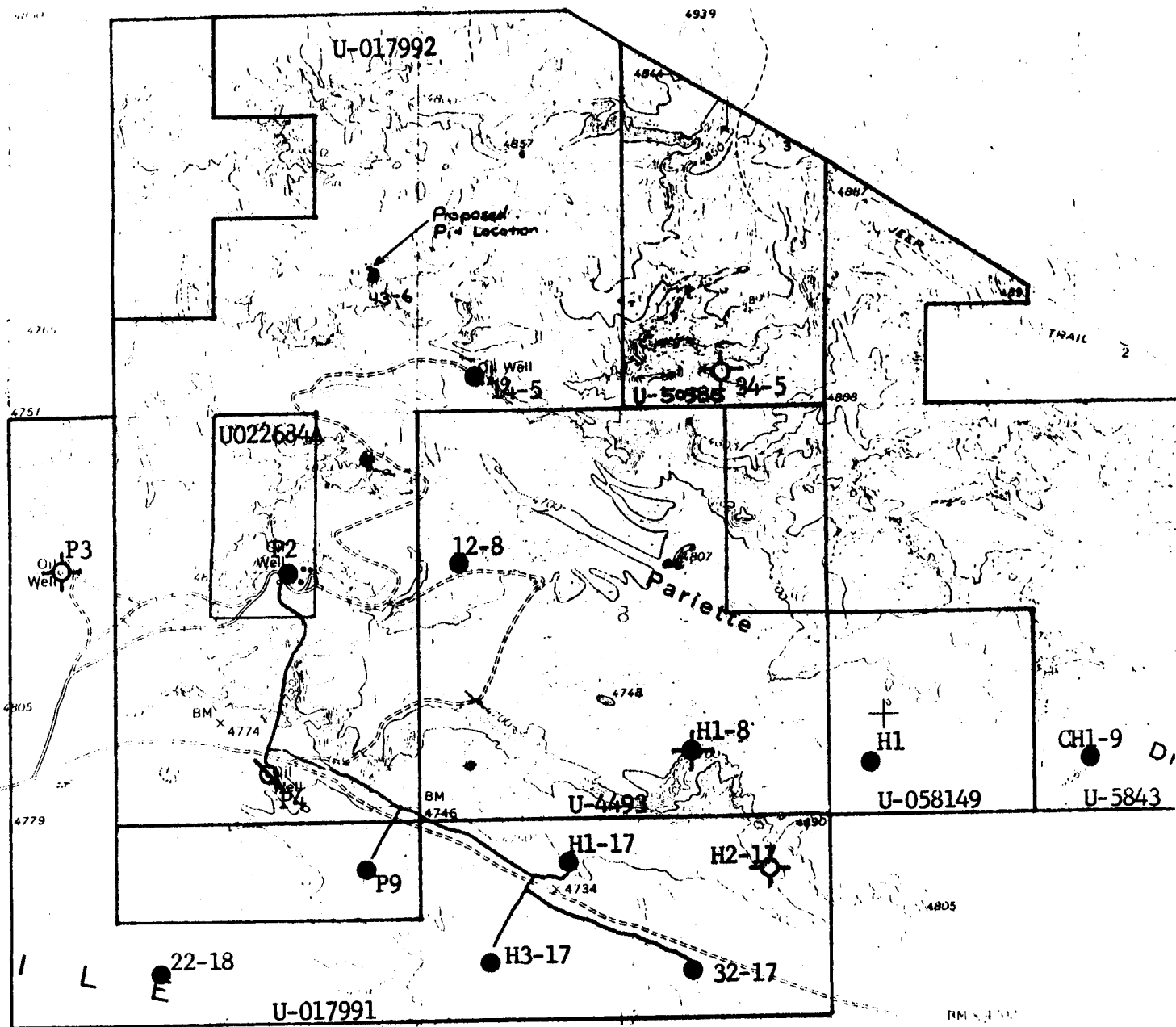
Respectfully submitted,

**HALLIBURTON SERVICES**

By Rick C. Jacquier  
District Engineer

aw

T M



F L A T

19

20

21

Maxus Energy Corpora  
LTV Center  
2001 Ross Avenue  
Dallas, Texas 75201  
214 979-2800

RECEIVED  
JUN 05 1987

060810

DIVISION OF  
OIL, GAS & MINING

June 2, 1987

**MAXUS**

Utah Division of Oil, Gas & Mining  
Attn: Norm Stout  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

*Pat Cote*

Pat Cote  
Production Clerk, Oil Revenue  
Maxus Exploration  
(214) 979-2822



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, UT  
84180-1203. (801-538-5340)

Page 6 of 6

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.  
2001 ROSS AVE #1500  
DALLAS TX 75201  
ATTN: PAT COTE

RECEIVED  
JUN 05 1987

DIVISION OF  
OIL, GAS & MINING

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

Well Name				Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper		Oil (BBL)	Gas (MSCF)	Water (BBL)
X ROCKHOUSE UNIT #1								
4304715809	02025 11S 23E 10		WSTC	-0-		-0-	-0-	-0-
X ROCKHOUSE UNIT #3								
4304715810	02025 11S 23E 11		MVRD	-0-		-0-	-0-	-0-
X ROCKHOUSE UNIT #3								
4304715810	02025 11S 23E 11		WSTC	-0-		-0-	-0-	-0-
X ROCKHOUSE UNIT 4								
4304715811	02025 11S 23E 9		WSTC	1		-0-	387	-0-
X ROCKHOUSE UNIT #5A								
4304715812	02025 11S 23E 13		WSTC	-0-		-0-	-0-	-0-
X ROCKHOUSE UNIT #8								
4304715815	02025 11S 23E 23		WSTC	-0-		-0-	-0-	-0-
X ALLEN FEDERAL 34-5								
4301330721	02041 09S 17E 5		GRRV	30		105	763	-0-
X PAIUTE FEDERAL 43-8								
4301330777	02042 09S 17E 8		GRRV	30		235	805	-0-
X CASTLE PEAK FEDERAL 43-5								
4301330858	02043 09S 16E 5		DGCRK	30		195	600	-0-
X ALLEN FEDERAL 44-5								
4301330913	02044 09S 17E 5		GRRV	30		601	2341	-0-
X PARIETTE BENCH FEDERAL #32-6								
4304731554	09885 09S 19E 6		GRRV	30		236	689	60
X PARIETTE BENCH FED #43-6								
4304731616	10280 09S 19E 6		GRRV	30		208	660	-0-
TOTAL						1580	6245	60

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote  
Authorized signature

Telephone (214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 6-10-87  
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,  
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL  
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GORT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL  
WELLS, INCLUDING DRILLING AND INJECTION

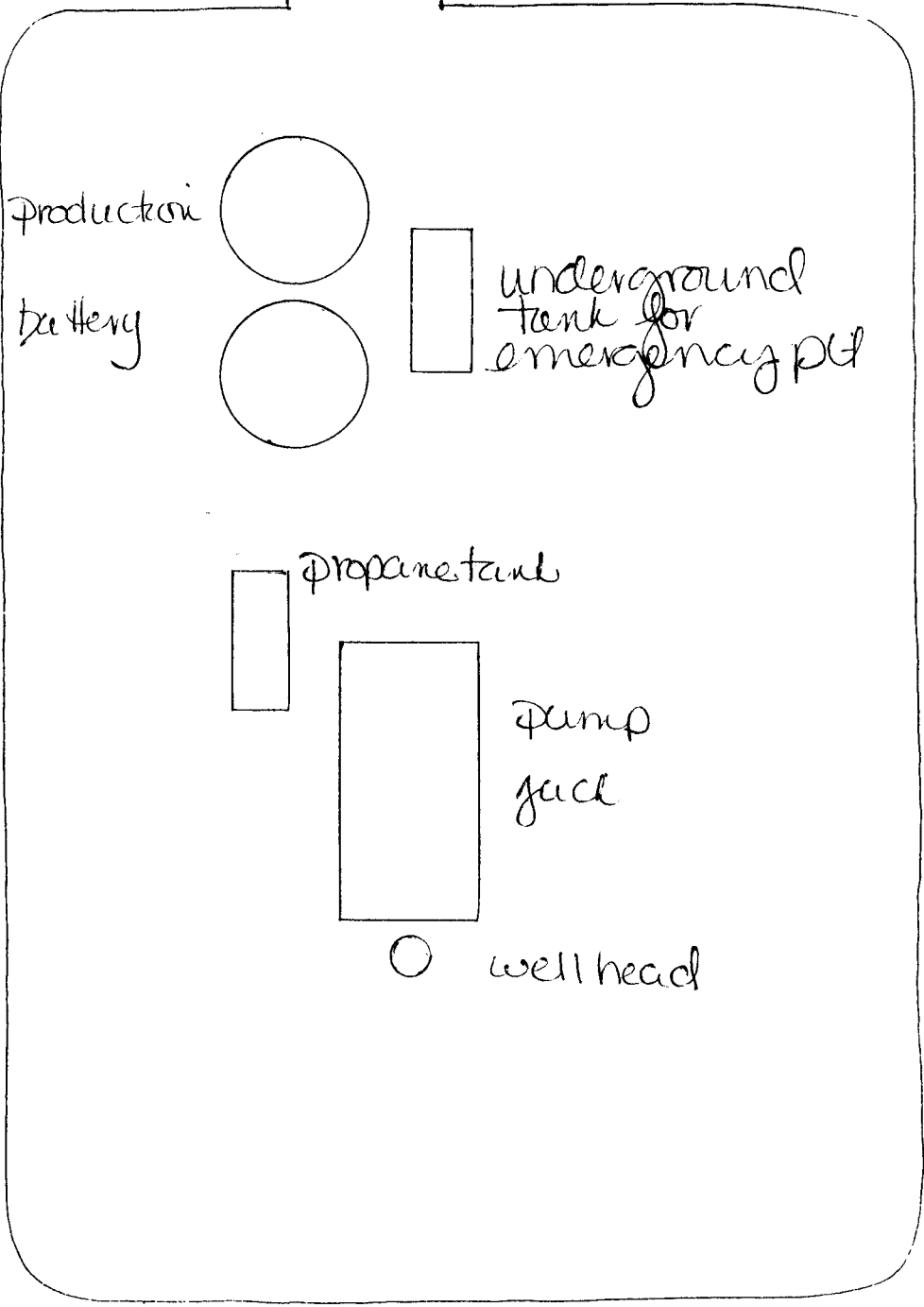
(Use attachments if necessary)

CONTACTED BY: [Signature]

DATE: 6-2-87

21616

Panette Bench 3043-6 Sec 6, T9S0 R19E Chubbly S/22/89



stockpile



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

See Attachment

14. PERMIT NO.  
See Attachment

15. ELEVATIONS (Show whether SP, ST, GR, etc.)  
See Attachment

5. LEASE DESIGNATION AND SERIAL NO.

See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

See Attachment

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Pariette Bench Field

11. SEC., T., R., M., OR B.L. AND  
SURVEY OR AREA

See Attachment

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Amend existing gas lines

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MAXUS EXPLORATION COMPANY respectfully requests a variance from Federal rules pertaining to the measurement of natural gas leaving a Federal lease for our Pariette Bench Field, Uintah Co., Utah.

MAXUS EXPLORATION COMPANY feels that the cost and use of the orifice meters required by Federal regulations are impractical in this situation. We feel that the GOR method of gas estimation and allocation will serve as a reliable alternative to the installation and maintenance of costly orifice meters.

The maximum amount of gas traveling from one Federal lease to another will be 25 MCF/Day, and the maximum expected royalty would be approximately \$1200/year. A cost of \$10,000 would be necessary to purchase, install and maintain these meters. MAXUS EXPLORATION feels that this expense is costly for it's worth and adding this cost to two marginally productive wells would not be to our best interest. Any unnecessary expense could force these marginally productive wells into premature abandonment.

\*\*\*See Attachments\*\*\*

18. I hereby certify that the foregoing is true and correct

SIGNED Rodney Brewer  
Rodney Brewer  
(This space for Federal or State office use)

TITLE Production Engineer

3-MICROFILM  
DATE 2-12-90

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2-28-90

BY: John R. Bagn

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

MAXUS EXPLORATION  
 PARIETTE BENCH FIELD  
 GAS MEASURING AND ALLOCATION PROPOSAL

INTRODUCTION

Maxus Exploration has drilled and completed the following wells within the Pariette Bench Field:

<u>Well Name</u>	<u>Permit Number</u>	<u>Lease Number</u>
Pariette Bench 32-6	43-047-31554	U-50385
Pariette Bench 43-6	43-047-31616	U-017992
Pariette Bench 14-5	43-047-31123	U-017992
Pariette Bench 41-7	43-047-31584	U-017992
Pariette Bench #2	43-047-15080	U-022684A
Hendel Federal 1-17	43-047-30074	U-0107991
Hendel Federal 3-17	43-047-30074	U-0107991
Chomey Federal 1-9	43-047-30070	U-5843

9/19 #6

The surface gas lines in the Pariette Bench Field are existing under R.O.W. U-57543, and this is an amendment of. Two wells in this field have reached a critical point. The propane expense for the Pariette Bench 32-6 and Chomey 1-9 has reached the point that expenses are overtaking income. Maxus Exploration has two objectives in requesting this proposal.

- 1) Conservation of resources by using excess casinghead gas instead of venting wells.
- 2) Minimizing propane expenses, thus increasing the life of our marginal wells.

Federal approval was granted for our existing line (see map) and this proposal is an amendment of that proposal.

Recently, Maxus Exploration measured the amount of gas which was vented off of our existing surface gas lines. The amount which was vented is approximately equal to the amount needed to supplement our marginal productive wells. Below is a table which approximates the current gas production, fuel gas needed and the difference between the two. As you can see the greatest fuel deficiencies are on the Pariette Bench 32-6 (9.2 MCF/day) and the Chomey 1-9 (7.0 MCF/day). The attached map will show the estimated volumes moving through the existing and proposed lines.

<u>Well Name</u>	<u>Vent</u>	<u>MCF/day Needed Fuel gas</u>	<u>MCF/day Gas Produced</u>	<u>MCF/day Difference</u>
Pariette Bench 32-6	0	13.2	4	-9.2
Pariette Bench 43-6	2	12.4	14.4	2.0
Pariette Bench 14-5	2	11.1	13.1	2.0
Pariette Bench 41-7	7	10.3	17.3	7.0
Pariette Bench #2	8	9.4	17.4	8.0
Totals	19	56.4	66.2	9.8
Hendel 1-17	4	9.1	13.1	4.0
Hendel 3-17	2	8.2	10.2	2.0
Chomey 1-9	0	10.0	3.0	-7.0
Totals	6		26.4	-1.0

ECONOMICS

The maximum value of gas leaving wells having excess gas = 25 MCF  
 Maximum gas value (based on other operators selling gas) = \$1.10 MCF  
 Federal royalty = 12.5%

Maximum revenue/yr = 25 MCF/day x \$1.10/MCF x 365 day/yr x 12.5% \$1254/yr

In order for Maxus Exploration to conform to Federal regulations, we would be required to install two 2" orifice meter runs. The following is a cost estimate for the first year of operation:

Orifice meter runs (2 @ \$3000)	\$6,000.00
Labor (30 days @ \$500/day)	1,500.00
Meter calibration	2,000.00
Chart Integration	500.00
	<hr/>
	\$10,000.00

Maxus Exploration proposes that excess casinghead gas be measured and allocated in the following manner:

- 1) All wells be tested initially and quarterly thereafter to determine gas production, gas/oil ratio and estimated fuel usage.
- 2) Gas samples will be caught semi-annually to determine BTU content and gas gravity.
- 3) Excess gas will be allocated among wells with gas deficiencies and reported on form MMS 3160 (formerly BLM form 3160-6).
- 4) Gas production for wells with excess gas will be calculated as follows:  
 $GOR \times \text{Oil production} = \text{Gas production}$   
 $\text{Excess gas} = \text{Gas production} - \text{Fuel gas used.}$
- 5) Gas needed by wells which need gas supplements will be calculated as follows:  
 $GOR \times \text{Oil production} = \text{Gas production}$   
 $\text{Gas needed} = \text{Fuel gas} - \text{Gas production}$
- 6) Any excess gas not used, will be vented and reported on form MMS 3160 (formerly BLM form 3160-6).

August, 1989 - example of GOR Allocation

<u>Well Name</u>	<u>Oil Prod.</u>	<u>GOR CF/BBL</u>	<u>Monthly Gas</u>
Pariette B. 32-6	142	873	124
Pariette B. 43-6	173	2580	446
Pariette B. 14-5	288	1410	406
Pariette B. 41-7	341	1573	536
Pariette B. #2	380	1419	539
Hendel 1-17	319	1273	406
Hendel 3-17	138	2293	316
Chorney 1-9	213	437	93

For Wells with excess gas

Pariette B. 43-6	446	- (12.4 MCF/day) (31)	=	61.6
Pariette B. 14-5	406	- (11.1 MCF/day) (31)	=	61.9

Pariette B. 41-7	536	- (10.2 MCF/day)	(31)	= 219.8
Pariette B. #2	539	- (9.4 MCF/day)	(31)	= 247.60
				590.9 MCF/month
Hendel 1-17	406	- (9.1 MCF/day)	(31)	123.9
Hendel 3-17	316	- (8.2 MCF/day)	(31)	61.8
				185.7 MCF/month

For Wells without enough gas

Pariette B. 32-6	(13.2 MCF/day) x (31)	- 124	=	285.2 MCF/month
Chorney Fed. 1-9	(10.0 MCF/day) x (31)	- 93	=	217.0 MCF/month

The 61.6 MCF/month taken from P.B. 43-6 (U-017992), the 61.9 MCF/month taken from the P.B. 14-5 (U-017992) and the 219.8 MCF/month taken from the P.B. 41-7 U-017992) would be reported on form MMS 3160 (formerly BLM form 3160-6) as leaving U-017992 and entering U-50385 and royalties paid thereon. The excess gas would be vented at the P.B. #2. Should the excess gas deplete and additional gas be needed, the 247.6 MCF/month taken from the P.B. #2 U-022684A) to the P.B. 41-7 (U-017992) would be reported on form MMS 3160 and royalties paid thereon. The 123.9 MCF/month taken from the Hendel 1-17 (U-0107991) and the 61.8 MCF/month taken from the Hendel 3-17 (U-0107991) would be reported on form MMS 3160 (formerly BLM form 3160-6) as leaving (U-0107991) and entering (U-5843) and royalties paid thereon. Any excess gas would be vented at the Hendel 1-17.

CONCLUSION

The installation of two orifice meter runs would be impractical for the following reasons:

- 1) A \$10,000 expenditure would be necessary to pay \$1254 in Federal royalties, and of course, gas rates decline.
- 2) Both lines have more than one well as suppliers before they cross lease boundaries, thus leading to confusion as to where the gas came from.
- 3) Most orifice meters are not accurate at measuring small volumes at low pressures.
- 4) Orifice meters are set up to measure gas in one direction. When our wells are hot oiled, produced gas exceeds fuel usage and a two directional flow would be established.

Maxus Exploration believes that this method of testing and allocation is reliable and certainly less costly. We hope that the BLM will agree with this proposal.

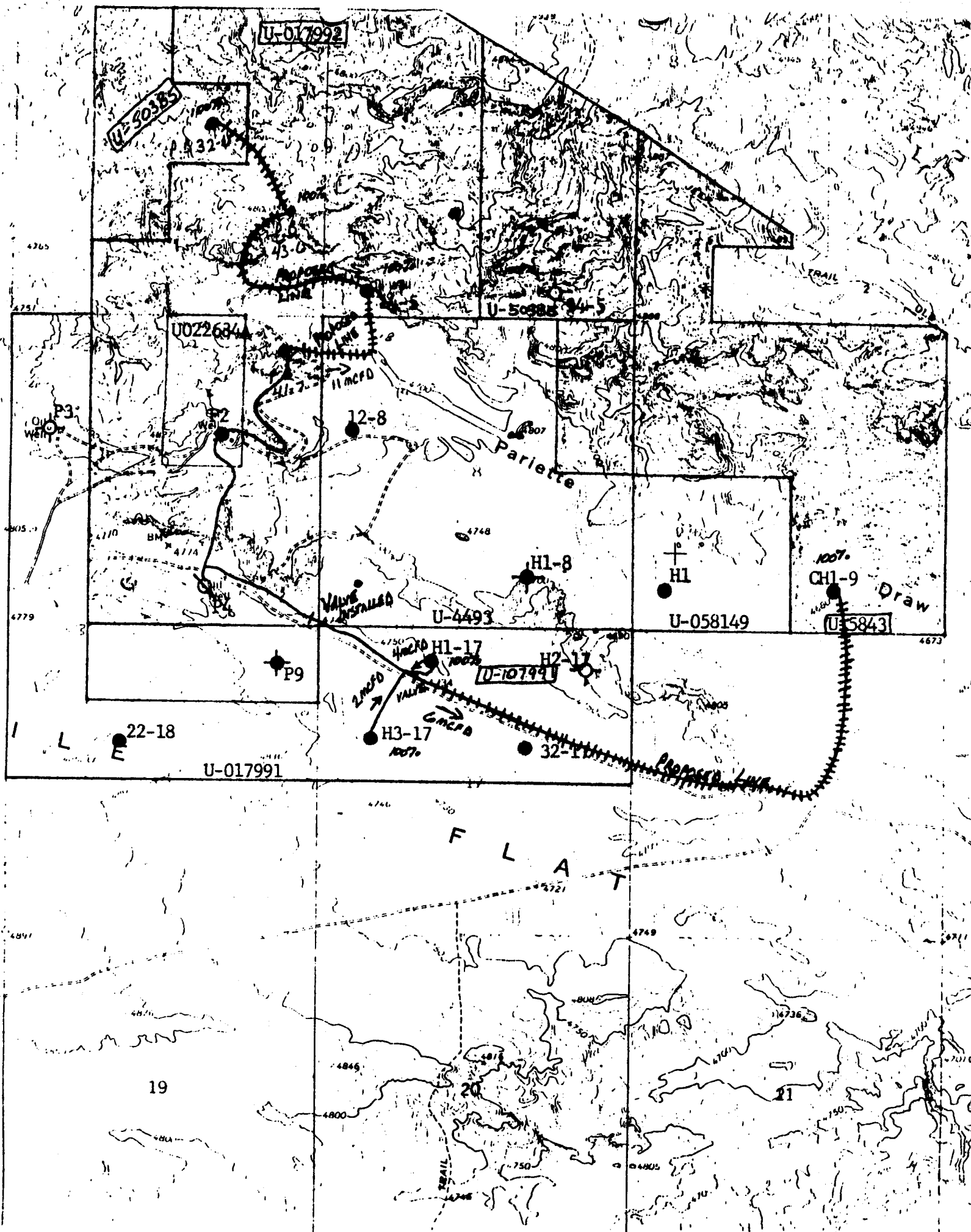
RIGHT-OF-WAY  
PLANS OF DEVELOPMENT AND GRANT

THE PURPOSE FOR A PIPELINE RIGHT OF WAY IS TO CONSERVE NATURAL RESOURCES BY USING EXCESS CASING HEAD GAS INSTEAD OF VENTING, AND TO MINIMIZE COSTLY PROPANE. THUS, INCREASING THE LIFE OF OUR MARGINAL WELLS. THE PIPELINE WILL BE 2" BLACK POLYETHYLENE PIPE AND WILL BE LAID ON THE SURFACE. THE SURFACE GAS LINE WILL FOLLOW OUR EXISTING LEASE ROADS AND THE AREA NEEDED FOR THE FACILITIES WILL BE NEGLIGABLE.

THE PIPELINE WILL OPERATE AT A PRESSURE OF 40 PSIG, WITH A MAXIMUM VOLUME OF 30 MCFD. THE 2" BLACK POLYETHYLENE PIPE IS PRESSURE RATED TO AT LEAST 250 PSIG, BUT SHOULD A LEAK OCCUR NO HARM WILL COME TO HUMANS OR THE ENVIRONMENT.

THE PROPOSED SURFACE GAS LINE WILL CONNECT ON TO OUR EXISTING RIGHT OF WAY U-57543 AT THE HENDEL 1-17 AND THE PARIETTE BENCH 41-7 (SEE MAP).

THE PIPELINE WILL IN NO WAY INTERFERE WITH THE LAND OR THE ENVIRONMENT, SINCE THE LINE WILL BE CONSTRUCTED ALONG EXISTING ROADWAYS. DAILY INSPECTION AND MAINTENANCE WILL OCCUR AS WELLS IN THE AREA ARE CHECKED, LEADING TO A SAFE AND EFFECTIVE OPERATION.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
(Other instructions on  
reverse side)

Form approved:  
Budget Bureau No. 1001-0125  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface N/A		8. FARM OR LEASE NAME Chorney Fed. Pariette Bench, Hendel Fed.
14. PERMIT NO. SEE BELOW		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A		10. FIELD AND POOL, OR WILDCAT PARIETTE BENCH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9 S 20 E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	TESTING FOR FUEL GAS PIPELINE	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MAXUS EXPLORATION COMPANY wishes to report the results of our GOR testing for our recently constructed Pariette Bench Pipeline. Gas charts and gas analysis are submitted with this sundry. Excess gas will be allocated among wells with gas deficiencies and reported on form MMS 3160 (formerly BLM form 3160-6).

WELL NAME	API #	DATE TESTED	OIL PROD. BBLs	GAS PROD. MCF	GOR (MCF/BBL)	
Chorney Fed. 1-9	43-047-30070	9-1-90	5.3	6.39	1.21	#9
Hendel Fed. 1-17	43-047-30059	9-2-90	8.3	20.0	2.45	#17
Hendel Fed. 3-17	43-047-30074	9-8-90	3.4	14.7	4.20	#17
Pariette Bench #2	43-047-15680	9-7-90	11.0	23.3	2.12	#7
Pariette Bench 41-7	43-047-31584	9-6-90	6.6	17.3	2.62	#7
Pariette Bench 14-5	43-047-31123	9-3-90	8.0	12.5	1.56	#5
Pariette Bench 43-6	43-047-31616	9-4-90	5.1	8.3	1.63	#6
Pariette Bench 32-6	43-047-31554	9-5-90	5.0	8.3	1.66	#6

18. I hereby certify that the foregoing is true and correct

SIGNED Robbie Brewer TITLE Production Engineer

DATE 9-11-90

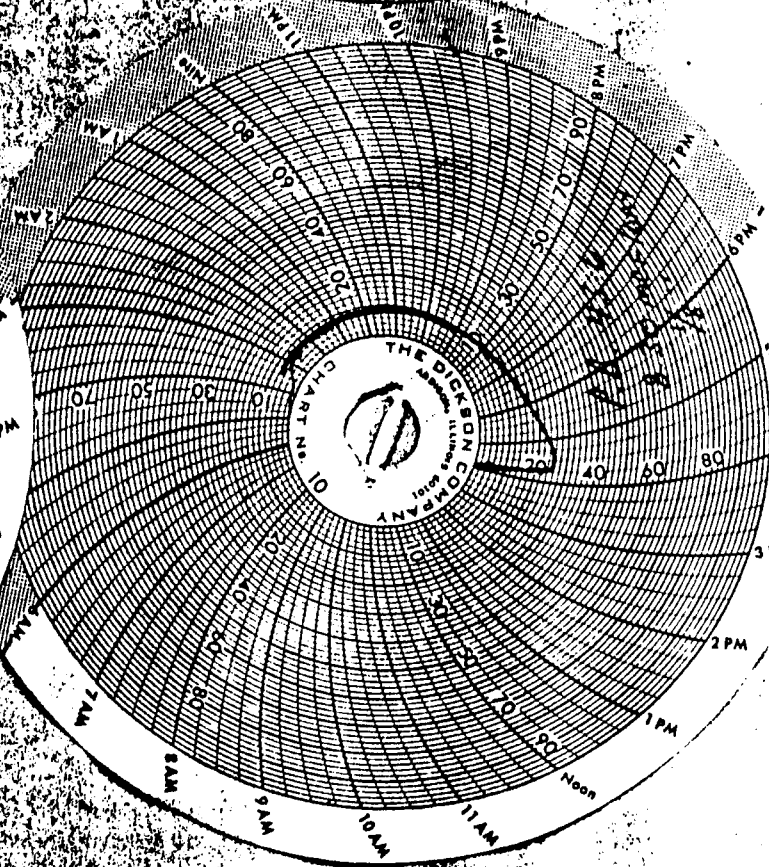
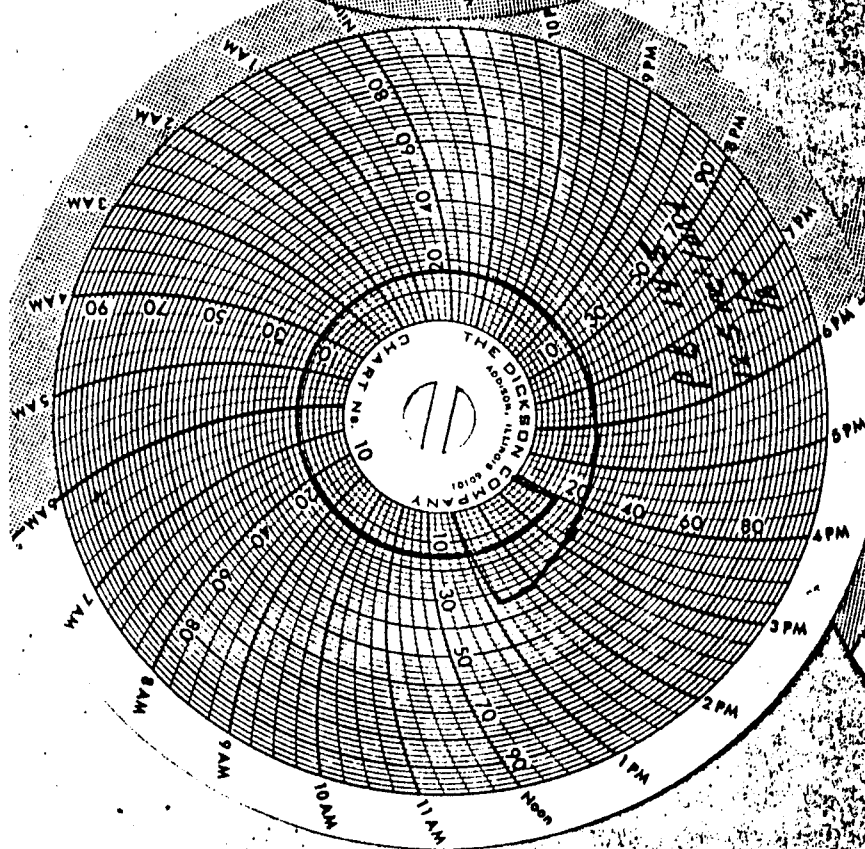
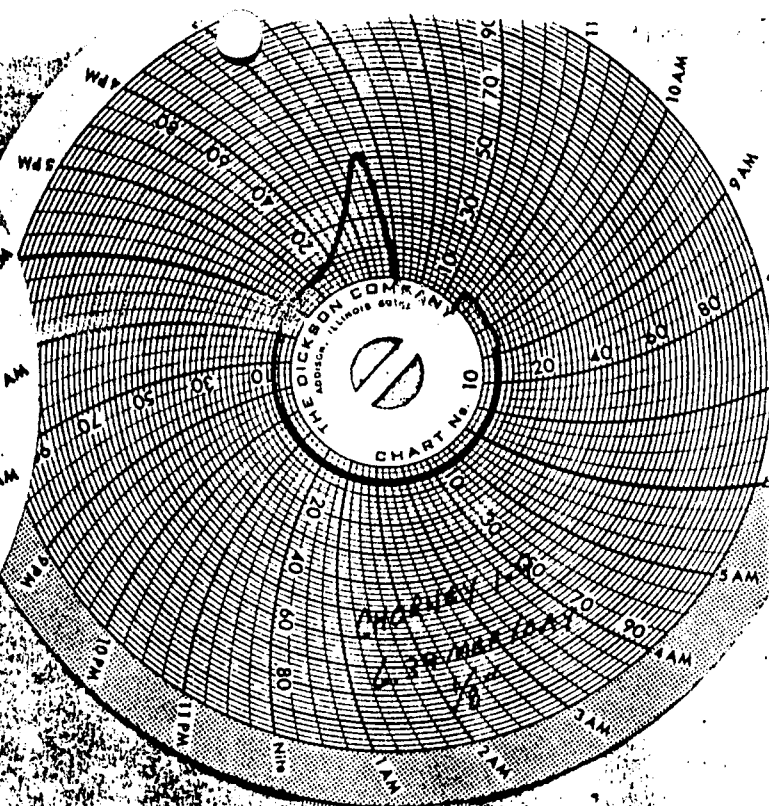
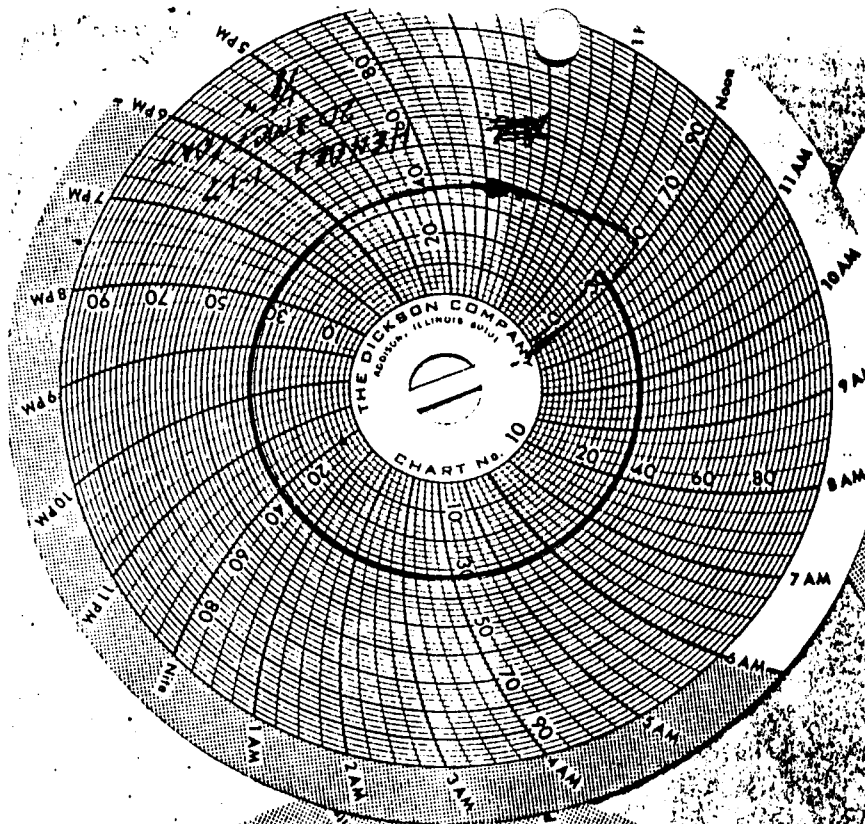
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side







# BASIN LABORATORIES

230 WEST 250 SOUTH  
VERNAL, UT 84078  
PHONE: (801) 789-1905

## CERTIFICATE OF ANALYSIS HYDROCARBONS BY GC

REPORT DATE: 9-6-90

LAB NUMBER: 900202

COMPANY: MAXUS EXPLORATION

LOCATION: PARIETTE BENCH

SAMPLE:

DATE  
8-31-90

TIME

PRES(Psi)

TEMP(DEG F)

SOURCE

WELL # 43-6

COMPONENT	MOLE %	GPM	LIQUID VOLUME %
N2 + O2	.784	.086	.46
METHANE	84.645	14.347	76.95
CO2	.421	.071	.38
ETHANE	6.373	1.7	9.12
PROPANE	4.091	1.123	6.02
ISOBUTANE	.579	.189	1.01
NBUTANE	1.145	.36	1.93
1-PENTANE	.383	.14	.75
NPENTANE	.369	.133	.71
HEXANES +	1.21	.496	2.66
TOTAL	100	18.644	100

GASOLINE (PROPANE +) = 2.441 GPM  
GASOLINE (BUTANES +) = 1.318 GPM  
GASOLINE (PENTANES +) = .769 GPM

BTU PER CU.FT. (30 IN. 60 F. DRY) = 1217  
BTU PER CU.FT. (30 IN. 60 F. SAT) = 1196  
CALCULATED SPECIFIC GRAVITY OF GAS = 1.7006  
COMPRESSIBILITY (Z) FACTOR = .9966

### ANALYSIS:

DATE	RUN #	CYLINDER #	SAMPLER	ANALYST
9-5-90	74	BL-8203	RON ZELLER	JHR

OTHER INFO:



## BALCRON OIL

A Division of  
Equitable Resources Energy Company

P.O. Box 21017  
1601 Lewis Avenue Building  
Billings, Montana 59104  
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero  
State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil  
P.O. Box 21017  
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all  
your help, Lisha -*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. <b>SEE ATTACHED LIST</b>	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>EQUITABLE RESOURCES ENERGY COMPANY</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>P.O. Box 21017; Billings, MT 59104 (406)259-7860</b>		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>SEE ATTACHED LIST</b> At proposed prod. zone		9. WELL NO.	
10. FIELD AND POOL, OR WILDCAT		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY	13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____	Change of Operator <input checked="" type="checkbox"/>		
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY  
P.O. Box 21017  
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

**RECEIVED**

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u><i>[Signature]</i></u>	TITLE <u>Attorney-in-Fact</u>	DATE <u>October 8, 1991</u>
<small>(This space for Federal or State office use)</small>		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

See Instructions On Reverse Side

Maxus Exploration Comp  
P.O. Box 2530  
Mills, Wyoming 82644  
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

**MAXUS**

October 7, 1991

State of Utah  
Division of Oil & Gas  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus  
Exploration Company Wells

Dear Sir:

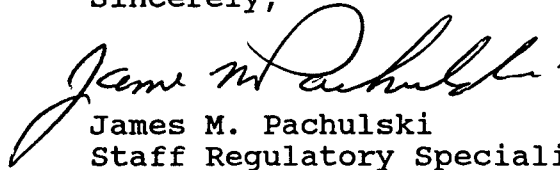
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil  
P.O. Box 21017  
Billings, Montana 59104  
Attn: Bobbie Schuman  
Coordinator of Environmental and Regulatory  
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,

  
James M. Pachulski  
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation  
717 North Harwood Street  
Dallas, Texas 75201  
214 953-2000

11/1/91

**MAXUS**

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND  
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO  
P. O. BOX 21017  
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL  
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO  
GIVE YOU THEIR NAME AND ADDRESS.

*Nancy Lawrence*

Nancy Lawrence / 214/953-2177  
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF  
OIL GAS & MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 SOUTH 500 EAST  
VERNAL, UTAH 84078



IN REPLY REFER TO:

3162.3  
UT08438

JAN 02 1992

Equitable Resources Energy Company  
Attn: Bobbie Schuman  
P.O. Box 21017  
Billings, Montana 59104

43-047-31616  
Re: Well No. Pariette Bench Federal 43-6  
NESE, Sec. 6, T9S, R19E  
Lease U-017992  
Uintah County, Utah

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

cc: Maxus Exploration Company

RECEIVED

JAN 06 1992

DIVISION OF  
OIL, GAS & MINING

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- ADA 7- LCR

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

XChange of Operator (well sold) ☐ Designation of Agent  
Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

TO (new operator) <u>BALCRON OIL</u>	FROM (former operator) <u>MAXUS EXPLORATION COMPANY</u>
(address) <u>P. O. BOX 21017</u>	(address) <u>717 N. HARWOOD, STE 2900</u>
<u>1601 LEWIS AVENUE BUILDING</u>	<u>DALLAS, TX 75201</u>
<u>BILLINGS, MT 59104</u>	<u>JAMES PACHULSKI (WYO)</u>
phone <u>(406) 259-7860</u>	phone <u>(307) 266-1882</u>
account no. <u>N9890 (12-5-91)</u>	account no. <u>N 0865</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-9-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: dba 097441. *(Owned by Equitable Resources Energy Company #134640)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      19    . If yes, division response was made by letter dated                      19    .

## STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

1. All attachments to this form have been microfilmed. Date:                      19    .

## INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

- 9/11/07 Btm/Vernal "No documentation as of yet."
- 9/11/25 Btm/Vernal "Have documentation - not approved as of yet." Will notify DGBM when approved.
- 9/11/25 Btm/Vernal " " "
- 9/11/231 Btm/Vernal " " "
- 9/20/10 Balceron/Bobby Schuman Reg. Transfer of Authority to Inject "Parlette Bench Unit #4" and 1/34-35 Sundry for operator change "Castlepeak St. 43-16."





UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

Page 5 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE  
MAXUS EXPLORATION COMPANY  
717 N. HARWOOD, STE 2900  
DALLAS TX 75201-

Utah Account No. \_\_\_\_\_

N0865

Report Period (Month/Year) \_\_\_\_\_

12 / 91

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
✓ PARIETTE BENCH FEDERAL #32-6 4304731554 09885 09S 19E 6	GRRV				
✓ PARIETTE BENCH FED #43-6 4304731616 10280 09S 19E 6	GRRV				
✓ ALLEN FEDERAL #31-6 4301331195 10788 09S 17E 6	GRRV				
✓ MAXUS FEDERAL #23-8 4301331196 10800 09S 17E 8	GRRV				
✓ COYOTE BASIN 32-6 4304731835 10865 08S 25E 6	WSTC				
✓ MONMNT BUTTE 1-13 4301330702 11068 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-14 4301330703 11069 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-23 4301330646 11070 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-33 4301330735 11071 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-43 4301330734 11072 09S 16E 1	GRRV				
✓ E. Red Wash 2-5 43-047-20252 1112 8S 25E 5	GRRV				
✓ Parie He Bench Unit #4 43-047-15681 99990 9S 19E 7	GRRV				
TOTAL					

TA status

WDR U-017992

x Btm did not submit approval. Still Maxus.  
(Req. Transfer of Authority to Inject)

Comments (attach separate sheet if necessary) \_\_\_\_\_

x Parie He Bench Unit

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

PLEASE COMPLETE FORMS IN BLACK INK



EQUITABLE RESOURCES ENERGY COMPANY,  
BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860  
FAX: (406) 245-1364

March 4, 1993

State of Utah  
Uintah County  
152 East 100 North  
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF  
OIL GAS & MINING

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-DEC
2-DPS	8-DEC
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)
- ☐ Designation of Agent
- ☐ Designation of Operator
- ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address) <u>PO BOX 21017</u>
	<u>PO BOX 21017</u>	<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>	
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N 9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**ALL WELLS**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-93)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: 134640.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- See 6. Cardex file has been updated for each well listed above. (3-19-93)
- See 7. Well file labels have been updated for each well listed above. (3-19-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

# ENTITY REVIEW

- N/A 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only) \*930319 Rec'd bond rider e H. 3-4-93.

- Fee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belcon Oil, A Division of Equitable Resources Energy Company.
- Fee 2. A copy of this form has been placed in the new and former operators' bond files. \*Upon completion of routing.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_ 19\_\_\_\_ . If yes, division response was made by letter dated \_\_\_\_ 19\_\_\_\_ .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_ 19\_\_\_\_ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

## MING

- N/A 1. All attachments to this form have been microfilmed. Date: March 30 1993.

## FILING

- Fee 1. Copies of all attachments to this form have been filed in each well file.
- Fee 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcon Oil Division".



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER  
BALCRON OIL  
PO BOX 21017  
BILLINGS MT 59104

Utah Account No. N9890Report Period (Month/Year) 1 / 93Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
COYOTE BASIN 21-7							
4304731673	10056 08S 25E 7	WSTC					
PARIETTE BENCH FED #43-6							
4304731616	10280 09S 19E 6	GRRV					
ALLEN FEDERAL #31-6							
4301331195	10788 09S 17E 6	GRRV					
MAXUS FEDERAL #23-8							
4301331196	10800 09S 17E 8	GRRV					
COYOTE BASIN 32-6							
4304731835	10865 08S 25E 6	WSTC					
MONMNT BUTTE 1-13							
01330702	11068 09S 16E 1	GRRV					
MONMNT BUTTE 1-14							
4301330703	11069 09S 16E 1	GRRV					
MONMNT BUTTE 1-23							
4301330646	11070 09S 16E 1	GRRV					
MONMNT BUTTE 1-33							
4301330735	11071 09S 16E 1	GRRV					
MONMNT BUTTE 1-43							
4301330734	11072 09S 16E 1	GRRV					
BALCRON COYOTE FEDERAL 12-5							
4304732253	111383 08S 25E 5	GRRV					
BALCRON COYOTE FEDERAL 21-5							
4304732260	111384 08S 25E 5	GRRV					
BALCRON COYOTE FEDERAL 31-7							
4304732254	111396 08S 25E 7	GRRV					
TOTAL							

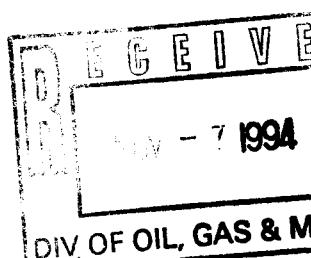
Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
U-017992  
Allottee or Tribe Name

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

#### SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: NE SE Section 6, T9S, R19E  
TD: 2044' FSL, 421' FEL

7. If Unit or CA Agreement Designation

n/a

8. Well Name and No.  
Pariette Bench #43-6

9. API Well No.  
43-047-31616

10. Field and Pool, or Exploratory Area  
Pariette Bench/Green River

11. County or Parish, State  
Uintah County, Utah

#### 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attachment for details of recompletion. Work was completed on 10-7-94.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Regulatory and Environmental Specialist

Date 11-2-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION

PARIETTE BENCH #43-6  
NE SE Section 6, T9S, R19E  
Uintah County, Utah  
Attachment to Recompletion Sundry Notice

- 9-28-94      Recompletion  
MIRU Basin Well Service Rig #2. Hang well off. Unseat bottom-hole pump, flush rods w/30 bbls hot 2% KCL wtr. TOH w/rods & pump. ND wellhead. NU BOP. PBSD @ 5407' KB. Tally out of hole w/2-3/8" tbg (165 jts 2-3/8", SN, & 6' sub). PU bit & scraper, RIH, tag PBSD, TOOH w/bit & scraper.
- 9-29-94      Recompletion  
Seat Nipple was washed out. Hole on vacuum, RU Cutter WL truck & run GR/CCL. Correlate to Schlumberger Litho-Density dated 5-14-85. Fluid @ 4250' when running gun tool. Perf 4732'-4744' & 4757'-4763' (4 SPF) 90° phasing. PU & RIH w/packer, 6' sub, BP, & 153 jts 2-3/8" tbg. Set BP @ 4800' KB.
- 10-1-94      Recompletion  
BP @ 4800' KB & packer @ 4680' KB, EOT @ 4690'. RU Western for break down on 4732'-44' & 4757'-63' w/2,756 gals KCL wtr. ATP 3800, max 4300 psi. ATR 6 bpm. ISIP 1300 psi, 5 min 800 psi, 10 min 750 psi, 15 min 750. RD Western. Release packer & POOH w/tbg, SN, packer, 6' sub & retrieving head.
- 10-3-94      Recompletion  
RU Western to frac 4732'-44' & 4757'-63' w/80,000# 16/30 mesh sand w/24,072 gals 2% KCL gelled wtr. ATP 1900 psi, max 2500 psi. ATR 30 bpm. ISIP 2000 psi, 5 min 1800 psi, 10 min 1550 psi, 15 min 1450 psi, 30 min 1220 psi. RD Western.
- 10-4-94      Recompletion  
CP 250 psi, FL @ surface. TIH w/retrieving head, 6' sub, packer, SN & tbg. Tagged sand fill @ 4730' KB. Circ down 2 jts to 4790' KB. Set packer @ 4680' KB. Swab well, IFL @ surface, made 21 runs, FFL @ 2400' (5% oil, 10% gas w/small trace of sand). Swabbed 71 bbls.

Pariette Bench #43-6  
Page Two

10-5-94 Recompletion

Open well up, no pressure. RU to swab, FL @ 300' was unable to get down through oil. Released packer, went in & tagged sand fill @ 4785'. Circ sand down to BP @ 4800' KB. Circ hole clean. Retrieve BP & TOH w/153 jts tbg, SN, packer, 6' sub, & retrieving head. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH</u>
1 jt 2-3/8", 4.7#, J-55	31.70'	5286.32'
1 Perf Sub 2-3/8" x 4'	4.05'	5254.62'
1 SN 2-3/8" x 1.1'	1.10'	5250.57'
17 jts 2-3/8", 4.7#, J-55	539.22'	5249.47'
1 tbg anchor 2-3/8" x 5-1/2"	2.75'	4710.25'
150 jts 2-3/8" 4.7#, J-55	4697.50'	4707.50'
KB	10.00'	

ND BOP. Set TA in 12,000# tension & 13-1/2" stretch. Landed tbg & NU wellhead. Change over to run rods. Hot Oiler flushed tbg w/25 bbls KCL wtr. PU rod pump #1046 RWAC 2" x 1-1/2" x 16' to ring. 3 cup top, hole down. Run rod string as follows:

2" x 1-1/2" x 16' RWAC  
27 - 3/4" x 25' Guided Rods  
172 - 3/4" x 25' Plain Rods  
1 - 3/4" x 6' Pony  
1 - 3/4" x 2' Pony  
1 - 1-1/2" x 22' Polish Rod.

Seated Rod pump, test to 700 psi. Hung rods on & SDFN.  
DC: \$2,542 CC: \$54,102





**EQUITABLE RESOURCES  
ENERGY COMPANY**

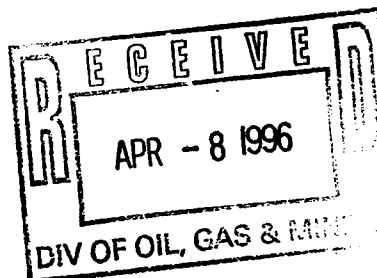
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365 ☐  
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

County: See attached list

State: UTAH

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                                      | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

- 8 1996

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ
2	DE 58-FILE
3	VLD (GIL) 24
4	RJE
5	LEP
6	FILM

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>047-31616</u>	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	TwP _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Schwa Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

## FILMING

- WDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 11

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ PARIETTE BENCH FED 43-6								
4304731616	10280	09S 19E 6	GRRV					
✓ STATE 16-6								
4301331145	11195	09S 17E 16						
✓ FEDERAL 22-25								
4304732008	11226	08S 17E 25	GRRV					
✓ FEDERAL 1-26								
4304731953	11227	08S 17E 26	GR-WS					
✓ C&O GOVT #1								
4301315111	11492	09S 16E 12	GRRV					
✓ C & O GOVT #2								
4301315112	11492	09S 16E 12	GRRV					
✓ ALLEN FEDERAL A-1								
4301315780	11492	09S 17E 5	GRRV					
✓ GOATES FED. #1								
4301315789	11492	09S 16E 11	GRRV					
✓ BALCRON MONUMENT FEDERAL 13-11J								
4301315790	11492	09S 16E 11	GRRV					
✓ GOATES FED #3								
4301315791	11492	09S 16E 14	GRRV					
✓ WALTON FEDERAL 1								
4301315792	11492	09S 16E 11	GRRV					
✓ WALTON FED. #2								
4301315793	11492	09S 16E 14	GRRV					
✓ WALTON FEDERAL 4								
4301315795	11492	09S 16E 11	GRRV					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618			500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635			2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969			915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580		1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579		1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578		1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563		500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516		661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675		660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778		660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777		1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681		660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123		605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554		2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584		1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616		2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680		2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505		1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506		660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499		1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552		871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562		660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406		1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567		2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792		706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793		542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31003		537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795		1980' FNL, 1975' FWL	Vernal	Jonah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED

OCT 10 1997

14. I hereby certify that the foregoing is true and correct

Signed

*Chris A. Potter*

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Change of Operator  
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

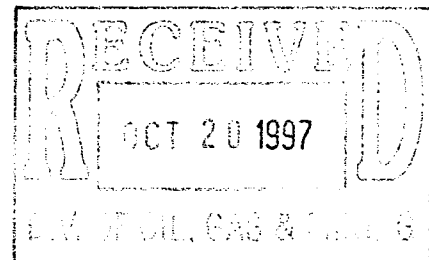
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.







# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

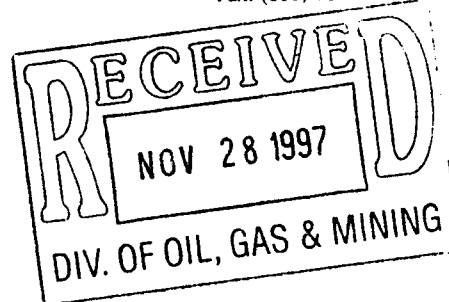
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3  
UT08438

November 20, 1997



Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

Re: Well No. Pariette Ben. Fed. 43-6  
NESE, Sec. 6, T9S, R19E  
Lease U-017992  
Uintah County, Utah

43-047-31616

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company

## INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ HENDEL FEDERAL #1-17	NENW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30059-00	UTU017991	
✓ HENDEL FEDERAL #3-17	SWNW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30074-00	UTU017991	
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630
✓ PARIETTE BENCH FEDER #14-5	SWSW 5 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31123-00	UTU017992	
✓ PARIETTE BENCH FEDER #41-7	NENE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31584-00		8910069630
✓ PARIETTE BENCH FEDER #32-6	SWNE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31554-00	UTU50385	
✓ PARIETTE BENCH FEDER #43-6	NESE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31616-00	UTU017992	
✓ PARIETTE BENCH UNIT #2	SWNE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15680-00		8910069630
✓ FEDERAL #22-25	SENE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32008-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #24-25	SE SW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32669-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #34-25	SW SE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32670-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #21-25	NENW 258S 17E	DUCHESNE	UT	UNDESIGNATED (H)	43-047-32528-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #12-25	SWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32526-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #23-25	NESW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32529-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #31-25	NWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32530-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #32-25	SWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32524-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #33-25	NWSE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32525-00	UTU67845	UTU76189X
✓ MONUMENT FEDERAL #11-25	NWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32455-00	UTU67845	UTU76189X
✓ PARIETTE DRAW FED. #8-23	SE NE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32676-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #9-23	NESE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-31543-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #12-24	SWNW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32713-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #13-24	NWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32546-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #14-24	SWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32645-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #23-24-8-17	NE SW 248S 17E	UINTAH	UT	MONUMENT BUTTE (H)	43-047-32710-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #24-24	SESW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32646-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #34-24	SWSE 248S R17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32506-00	UTU45431	UTU76189X



# EQUITABLE RESOURCES ENERGY COMPANY

## WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM: Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.  
Call if you need anything  
further.

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-DEC	6-DEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY FROM: (old operator) EQUITABLE RESOURCES COMPANY  
 (address) PO BOX 1446 (address) PO BOX 577  
ROOSEVELT UT 84066 LAUREL MT 59044  
Phone: (801) 722-5103 C/O CRAZY MTN O&G  
Account no. N5160 Phone: (406) 628-4164  
Account no. N9890

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-3116</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (12-2-97)
- lec 6. Cardex file has been updated for each well listed above. (12-3-97)
- lec 7. Well file labels have been updated for each well listed above. (12-3-97)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-3-97)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

### BOND VERIFICATION - (FEE WELLS ONLY)

- N/A JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

### LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DTJ 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A <sup>12/5/97</sup> 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

### FILMING

- 15 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

### COMMENTS

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 14

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
CASTLE PK ST 43-16								
4301330594	01181	09S 16E 16	GRRV			ML16532		
CHORNEY FED 1-9								
4304730070	01260	09S 19E 9	GRRV			U5843		
CASTLE PK FED 24-10A								
4301330555	01281	09S 16E 10	GRRV			U017985		
HENDEL FED 1-17								
4304730059	01305	09S 19E 17	GRRV			U017991		
HENDEL FED 3-17								
4304730074	01305	09S 19E 17	GRRV			U		
HENDEL FED. 1-9								
4304720011	01310	09S 19E 9	GRRV			U058149		
RIETTE BENCH FED 14-5								
4304731123	01335	09S 19E 5	GRRV			U017992		
PARIETTE BENCH UNIT 2								
4304715680	01345	09S 19E 7	GRRV			U022684A		
PARIETTE BENCH FED 41-7								
4304731584	01346	09S 19E 7	GRRV			U017992		
STATE 16-2								
4301330552	01451	09S 17E 16	GRRV			ML3453B		
CK JORGENSEN ST 16-4								
4301330572	01452	09S 17E 16	GRRV			ML3453B		
PARIETTE BENCH FED 32-6								
4304731554	09885	09S 19E 6	GRRV			U50385		
PARIETTE BENCH FED 43-6								
4304731616	10280	09S 19E 6	GRRV			U017992		
TOTALS								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-017992**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**PARIETTE BENCH FED 43-6**

9. API Well No.

**43-047-31616**

10. Field and Pool, or Exploratory Area

**PARIETTE BENCH**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2044 FSL 0721 FEL NE/SE Section 6, T09S R19E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

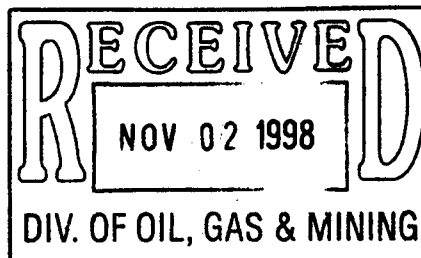
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Site Security**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Debbie E. Knight*

Title

**Manager, Regulatory Compliance**

Date

**10/30/98**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Inland Production Company Site Facility Diagram

Pariette Federal 43-6

NE/SE Sec. 6, T9S, 19E

Uintah County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

## Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

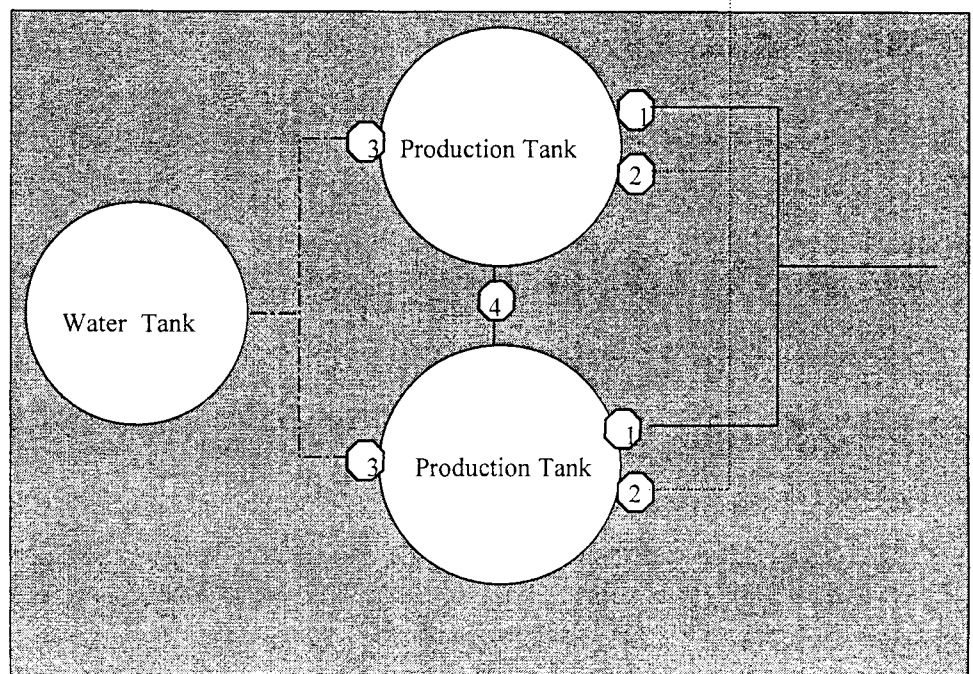
## Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line .....

Load Line \_\_\_\_\_

Water Line - - - - -

Gas Sales - - - - -



June 7, 2002

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

Re: Permit Application for Water Injection Well  
Hendel Federal #3-17  
Pariette Bench Federal #43-6  
Pariette Bench Federal #41-7  
Monument Butte Field, East Pariette Unit  
Township 9S-Range 19E  
Uintah County, Utah

Dear Mr. Jarvis:

Inland Production Company is requesting approval to convert the above referenced shut in wells to water injection wells. I have requested water analyses for these wells, but have not yet received them. I will forward them to you under separate cover as soon as they arrive in our office.

We have no information at the present time (not a wellfile or even a log file!) on the Hendel Federal #3-17 – I am checking to see if our field office can help me out. Again, I will forward missing information to you as soon as we receive it.

Sincerely,

Joyce McGough  
Regulatory Specialist

Enclosure

**RECEIVED**  
JUN 10 2002  
DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company  
ADDRESS 410 17th Street, Suite 700  
Denver, Colorado 80202

171-02.1  
~~UIC 295.1~~  
[East Pariette Unit  
Needs board approval  
prior to permit appl.]

Well Name and number: Pariette Bench Federal 43-6  
Field or Unit name: Pariette Bench ~~Monument Butte (Green River)~~ East Pariette Unit ? Lease No. U-017992  
Well Location: QQ NE/SE section 6 township 9S range 19E county Uintah

Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]

Will the proposed well be used for:                      Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
   Disposal? . . . . . Yes [ ] No [ X ]  
   Storage? . . . . . Yes [ ] No [ X ]

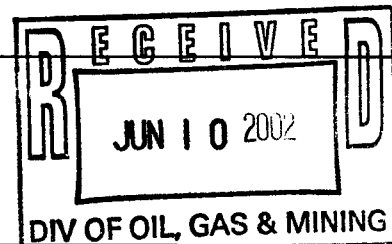
Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]

If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes [ X ] No [ ]

Date of test: \_\_\_\_\_

API number: 43-047-31616

Proposed injection interval:              from 4160'              to 5221'  
Proposed maximum injection:              rate 500 bpd              pressure 1852 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.



IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Joyce I. McGough                      Signature Joyce I. McGough  
Title Regulatory Specialist                      Date 6-7-02  
Phone No. (303) 893-0102

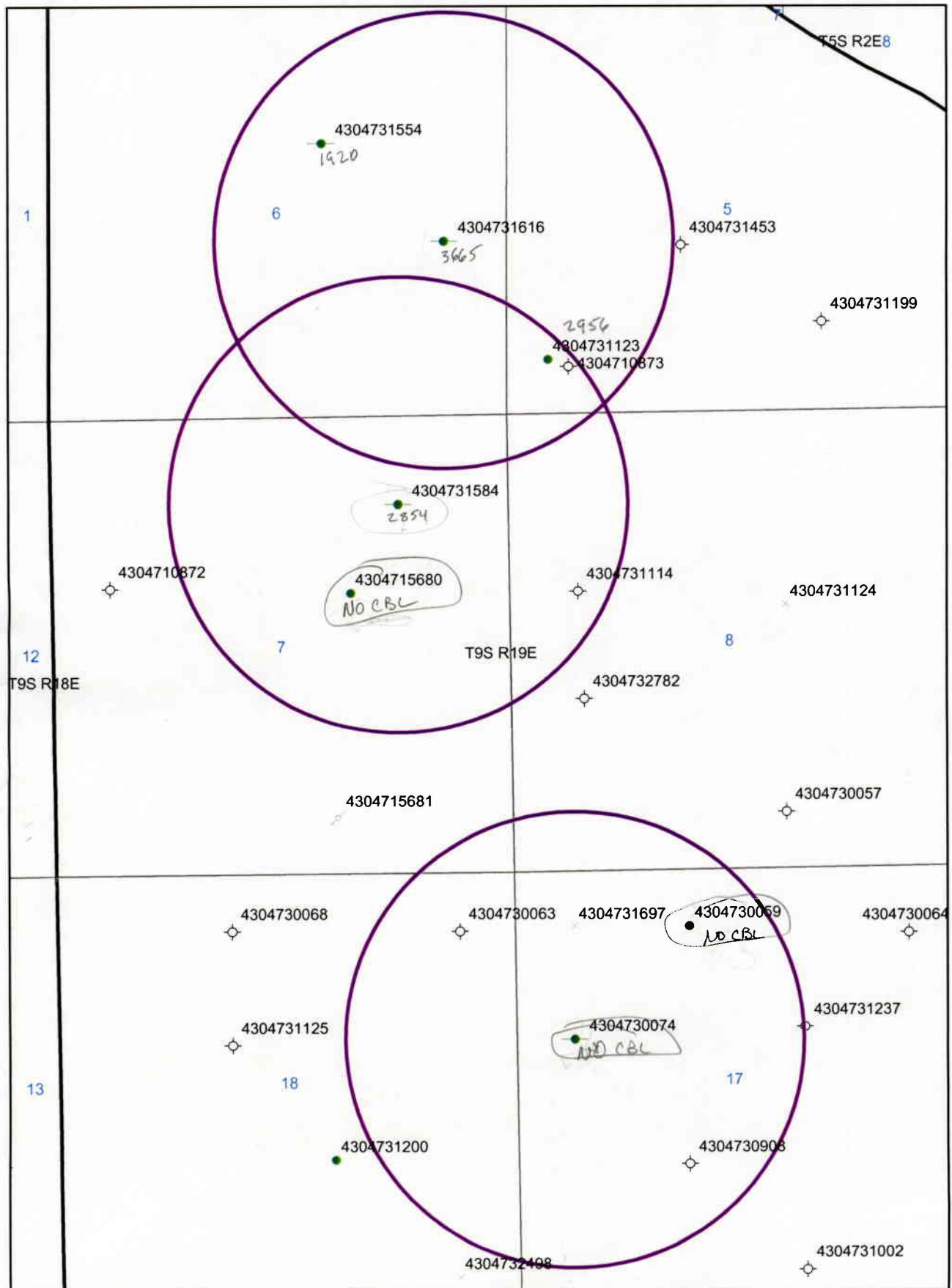
(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

# East Pariette Wells Cause T71-02





**RECEIVED**

**JUN 10 2002**

June 7, 2002

**DIVISION OF  
OIL, GAS AND MINING**

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Pariette Bench Federal #43-6  
Monument Butte Field, East Pariette Unit, Lease #U-017992  
Section 6-Township 9S-Range 19E  
Uintah County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Pariette Bench Federal #43-6 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, East Pariette Unit.

We also request permission to add additional perforations between the Garden Gulch and Basal Limestone formations at that time. All work will be detailed in a Sundry Notice.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Joyce I. McGough  
Regulatory Specialist

**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**PARIETTE BENCH FEDERAL #43-6**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**EAST PARIETTE UNIT**  
**LEASE #U-017992**  
**JUNE 7, 2002**

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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

# Pariette Bench Federal #43-6

Spud Date: 5/06/85  
Put on Production: 5/31/85  
GL: 4806' KB: 4816'

Initial Production: 75 BOPD,  
9 MCFD, 6 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 5 jts. (224.6') -landed at 237.69'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs Class "H" cmt, est 4 bbls cmt to surf.

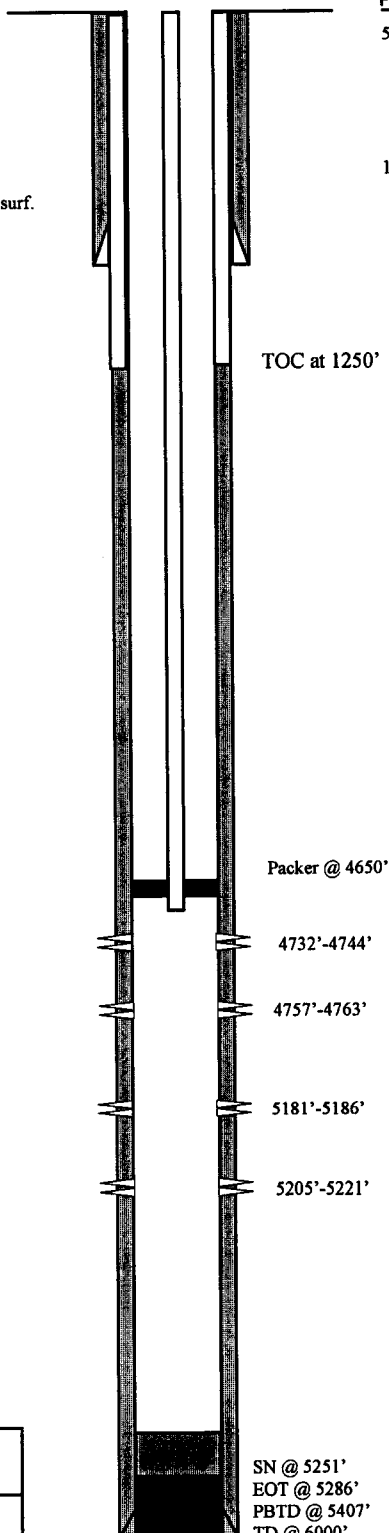
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (5746')  
DEPTH LANDED: 5748.49'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 184 sxs Hilift & 384 sxs 10-0 RFC.  
CEMENT TOP AT: 1250 per CBL

## TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#  
NO. OF JOINTS: 164 jts  
TUBING ANCHOR: 2.75'  
NO. OF JOINTS: 3 jts  
SEATING NIPPLE: 2-7/8" (1.10")  
SN LANDED AT: 5250.57' KB  
NO. OF JOINTS: 1 jts Perf sub. (4.00')  
NO. OF JOINTS: 1 jts Mud anchor (31.21')  
TOTAL STRING LENGTH: EOT @ 5286.32'

## Proposed Injection Wellbore Diagram



## FRAC JOB

5/26/83 5181'-5221' **Frac zone as follows:**  
138,000# 20/40 sand + 48,000# 10/20 sand in 2190 bbls frac fluid. ISIP 1870 psi. Calc. Flush: 5181 gal. Actual flush: 5166 gal.  
10/03/94 4732'-4763' **Frac zone as follows:**  
80,000# 16/30 sand in 573 bbls 2% KCl. Avg. treating press. 1900 psi @ 30 BPM, ISIP 2000 psi.

## PERFORATION RECORD

Date	Interval	Holes
5/25/85	5205'-5221'	12 holes
5/25/85	5181'-5186'	04 holes
9/29/94	4757'-4763'	4 SPF 24 holes
9/29/94	4732'-4744'	4 SPF 48 holes



**Inland Resources Inc.**

**Pariette Bench Federal 43-6**

2044' FSL & 721' FEL  
NESE Section 27-T8S-R17E  
Uintah County, Utah  
East Pariette Unit  
API #43-047-31616; Lease #U-017992

JM 6/04/02



## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Inland Production Company  
410 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Pariette Bench Federal #43-6 from a producing oil well to a water injection well in Monument Butte (Green River) Field, East Pariette Unit.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. In the Pariette Bench Federal #43-6 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4160' - 5221'). We may add additional perms to those already existing; any additional perms will be detailed in a Sundry Notice at that time. The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 4160' and the Castle Peak top at 5404'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Pariette Bench Federal #43-6 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-017992) in the Monument Butte (Green River) Field, East Pariette Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 238' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5748' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1852 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Pariette Bench Federal #43-6, for existing perforations (4732' - 5221') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1852 psig. At the time of conversion, we may add additional perforations between 4160' and 5221', and will detail the work performed in a Sundry Notice. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Pariette Bench Federal #43-6, the proposed injection zone (4160' - 5221') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-2.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

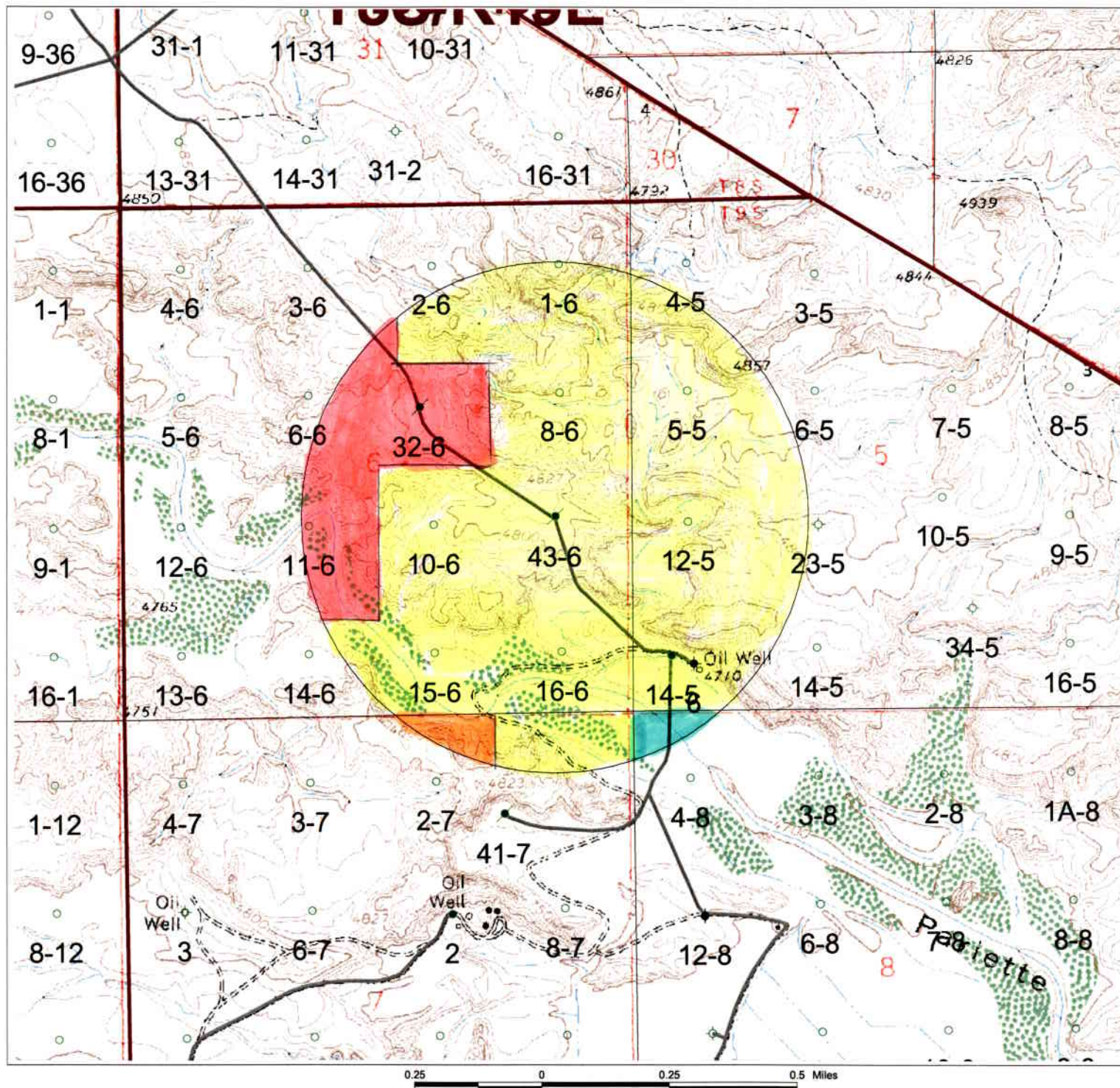
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Inland Production Company will supply any requested information to the Board or Division.





1/2 Mile Radius

Water Taps

Well Categories

INJ

WTR

SMD

OIL

GAS

DRY

SHUTIN

SUSPENDED

ABND

LOC

Compressor Stations

Gas Pipelines

10"

6"

4" proposed

4" proposed

Gas Buried

Petroglyph Gasline

Questar Gasline

Compressors - Other

Gas Meters

Water 6 Inch

Water 4 Inch

Water 4 Inch - High Pressure

Water 4 Inch Poly

Water 2 to 3 Inch

Proposed Water

Johnson Water Line

Injection Stations

Pump Stations

Roads (Digitized)

Paved

Dirt

Proposed

Two Track

Private

Mining Tracts

21-017992

21-4493

21-50385

21-022684A

Attachment

A



Pariette Bench  
Federal 43-6-9-19  
Sec. 6-T9S-R19E



410 17th Street, Suite 700  
Denver, Colorado 80202  
Phone: (303) 893 6102

1/2 Mile Radius Map

UINTA BASIN, UTAH

Duchesne & Uintah Counties, Utah

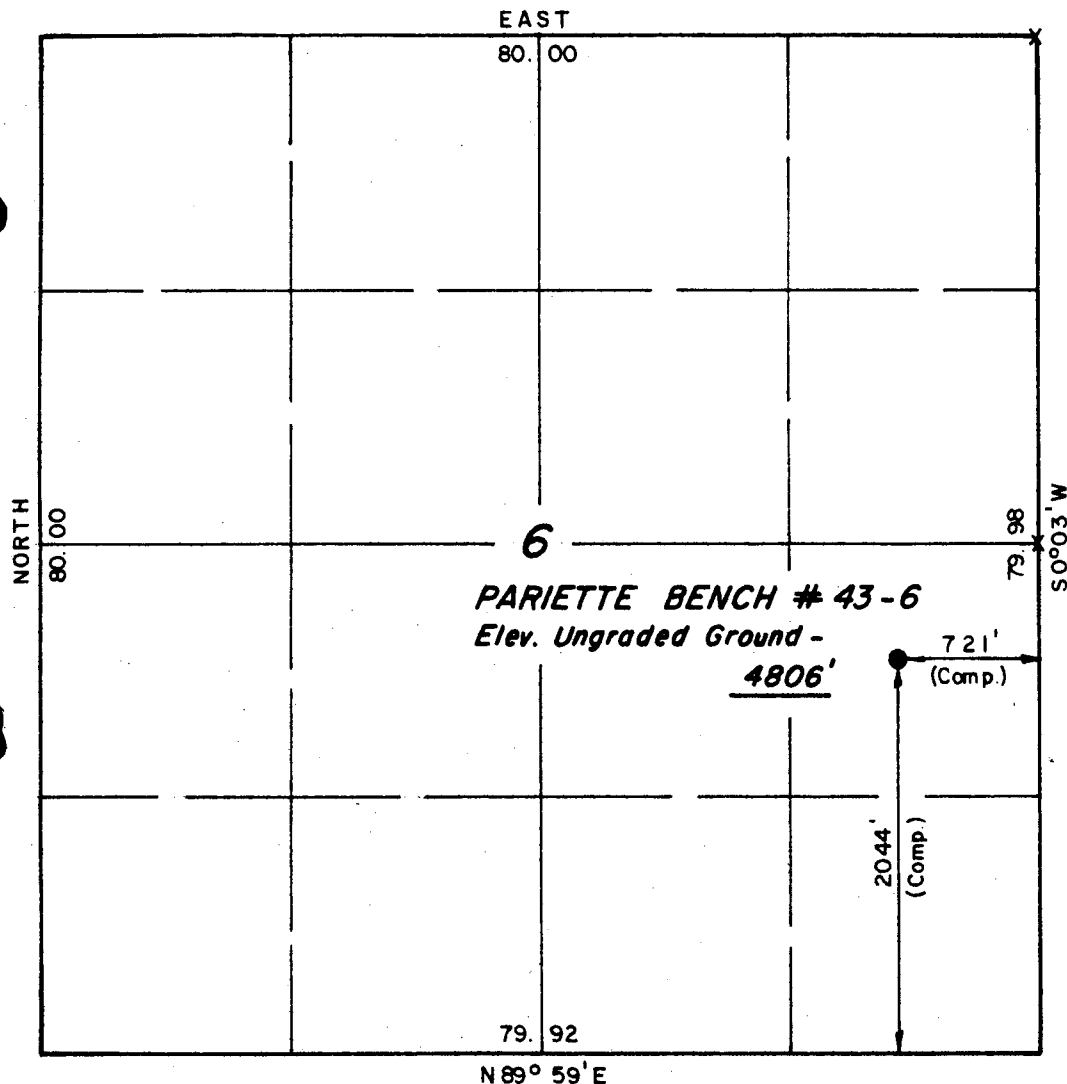
0.25 0 0.25 0.5 Miles

T9S, R19E, S.L.B.&M.

PROJECT

**DIAMOND SHAMROCK**

Well location, *PARIETTE*  
**BENCH #43-6**, located as  
 shown in the NE1/4 SE1/4  
 Section 6, T9S, R19E, S.L.B.&M.  
 Uintah County, Utah.

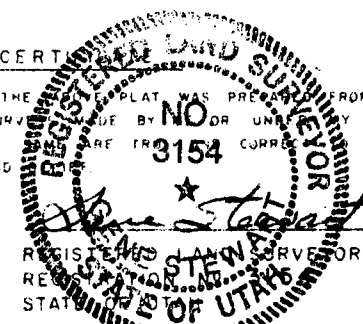


X = Section Corners Located

Attachment A-1



CERTIFICATE OF THE REGISTERED LAND SURVEYOR  
 THIS IS TO CERTIFY THAT THE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEY BY NO. 3154  
 SUPERVISION AND THAT THE AREAS ARE IN CORRECT THE  
 BEST OF MY KNOWLEDGE AND



UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	3/20/85
PARTY	DA GS JF RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

# EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 19 East</u> Section 5: Lots 3, 4, S/2NW/4, SW/4 Section 6: Lots 1, 2, SE/4NE/4, SE/4SW/4 SE/4 Section 7: E/2NE/4, W/2, SE/4 Section 8: E/2NE/4	UTU-017992 HBP	Inland Production Company	(Surface Rights) USA
2.	<u>Township 9 South, Range 19 East</u> Section 8: W/2NE/4, NW/4, S/2 Section 18: N/2NE/4, NE/4NW/4	UTU-4493 HBP	Inland Production Company	(Surface Rights) USA
3.	<u>Township 9 South, Range 19 East</u> Section 5: Lots 1, 2, SW/4NE/4, SE/4 Section 6: Lot 3, SW/4NE/4, SE/4NW/4, NE/4SW/4	UTU-50385 HBP	Inland Production Company	(Surface Rights) USA
4.	<u>Township 9 South, Range 19 East</u> Section 7: W/2NE/4	UTU-022684 HBP	Inland Production Company	(Surface Rights) USA



ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Pariette Bench Federal #43-6

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Joyce I. McGough  
Inland Production Company  
Joyce I. McGough  
Regulatory Specialist

Sworn to and subscribed before me this 7th day of June, 2002.

Notary Public in and for the State of Colorado: Deak Deak

My Commission Expires: August 29, 2005

## Pariette Bench Federal #43-6

Spud Date: 5/06/85  
Put on Production: 5/31/85

GL: 4806' KB: 4816'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 5 jts. (224.6') - landed at 237.69'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs Class "H" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (5746')  
DEPTH LANDED: 5748.49'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 184 sxs Hilift & 384 sxs 10-0 RFC.  
CEMENT TOP AT: 1250 per CBL

**TUBING**

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#  
NO. OF JOINTS: 164 jts  
TUBING ANCHOR: 2.75' (4710')  
NO. OF JOINTS: 3 jts  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5250.57' KB  
NO. OF JOINTS: 1 jts Perf sub. (4.00')  
NO. OF JOINTS: 1 jts Mud anchor (31.21')  
TOTAL STRING LENGTH: EOT @ 5286.32'

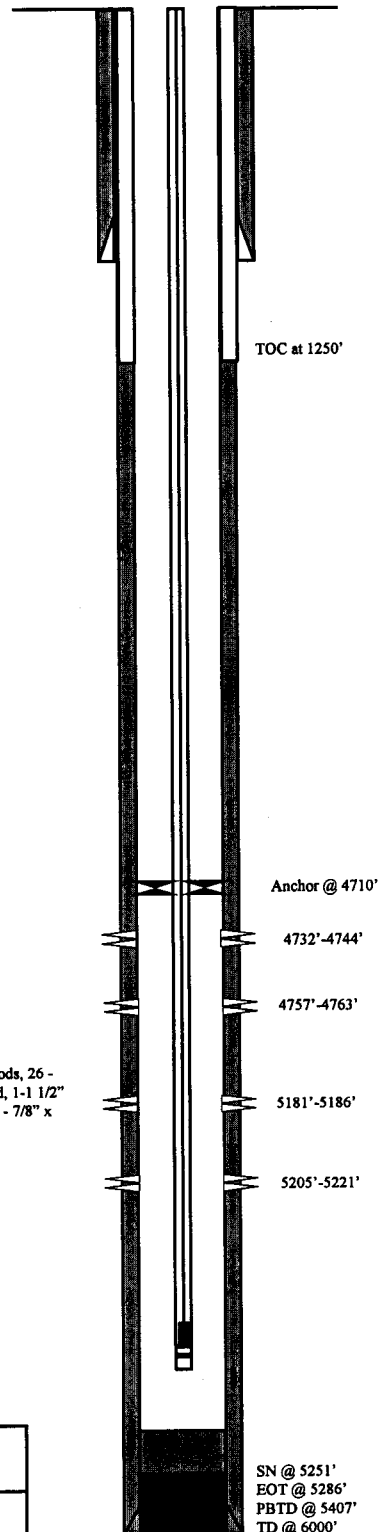
**SUCKER RODS**

SUCKER RODS: 2', 6', 6' and 6' x 3/4" pony rods, 178 - 3/4" slick rods, 26 - 3/4" guided rods, 1 - 1 1/2" x 25' K-bar, 1 - 7/8" x 2' guided pony rod, 1 - 1 1/2" x 25' K-bar, 1 - 7/8" x 2' guided pony rod, 1 - 1 1/2" x 25' K-bar and 1 - 7/8" x 2' guided pony rod.

PUMP SIZE: 2" x 1-1/4" x 12' x 16' RHAC Randy's pump  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 5  
LOGS: EPT, ML, DIDT, LDC-CNL, GR, CAL, DIL-SFL

Workover 1/13/98.

Wellbore Diagram

**FRAC JOB**

5/26/83	5181'-5221'	<b>Frac zone as follows:</b> 138,000# 20/40 sand + 48,000# 10/20 sand in 2190 bbls frac fluid. ISIP 1870 psi. Calc. Flush: 5181 gal. Actual flush: 5166 gal.
10/03/94	4732'-4763'	<b>Frac zone as follows:</b> 80,000# 16/30 sand in 573 bbls 2% KCl. Avg. treating press. 1900 psi @ 30 BPM, ISIP 2000 psi.

**PERFORATION RECORD**

5/25/85	5205'-5221'	12 holes
5/25/85	5181'-5186'	04 holes
9/29/94	4757'-4763'	4 SPF 24 holes
9/29/94	4732'-4744'	4 SPF 48 holes



**Inland Resources Inc.**

**Pariette Bench Federal 43-6**

2044' FSL & 721' FEL  
NESE Section 6-T9S-R19E  
Uintah County, Utah  
East Pariette Unit  
API #43-047-31616; Lease #U-017992

Revised JM 6/04/02

## Pariette Bench Federal # 32-6

Wellbore Diagram

Elev.GR -4826'  
Elev.KB - 4838' (12' KB)

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE:  
WEIGHT:  
LENGTH:  
DEPTH LANDED: 279.6' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 190 sxs calss "A"  
cmt w/ 2% CACL and 1/4#/sk Flocele.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
LENGTH: 6010.5'  
DEPTH LANDED: 6021.20' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 200 sxs class "H" HOWCO  
H Fill & 455 sxs Thixotropic w/  
10% Cal Seal, 1/4#/sk Flocele, 5# Gilsonite  
CEMENT TOP AT: 1600' KB

**TUBING**

SIZE/GRADE/WT.: 2-3/8" EUE / ?? / 4.7#  
NO. OF JOINTS: 152 jts (4744.18')  
TUBING ANCHOR: 2-3/8"x5-1/2" Trico(2.75')  
NO. OF JOINTS: 27 jts (842.74')  
SEATING NIPPLE: 2-3/8"x1.1'  
PERFORATED SUB: 2-3/8"x4.10'  
MUD ANCHOR: 2-3/8"x31.65'  
STRING LENGTH: 5626'  
SN LANDED AT: 5602' KB

**SUCKER RODS**

POLISHED ROD: 1-1/4"x22'  
SUCKER RODS: 222-3/4"x25' Plain

STRING LENGTH: 5550'

PUMP SIZE: 2"x1-1/4"x16' RHAC

PUMP NUMBER: Trico #1141  
STROKE LENGTH:  
PUMP SPEED, SPM:  
PUMPING UNIT:  
PRIME MOVER:

**ACID JOB /BREAKDOWN****FRAC JOB**

12/15/84 5580'-5596' Halliburton: 71,000 gal  
Versagel 1400, w/ 152,000 #  
20/40 sand, 30,000 #12/20 sand.  
ATP=1800 psi, ATR=28 bpm,  
ISIP= 1830 psi, 15 min.= 1700 psi,  
20 min.=1680 psi.

TOC @  
1600' KB

**PERFORATION RECORD**

12/15/84	5580' - 5596'	2 SPF (32 hole)
5/5/85	4930' - 4936'	4 SPF (24 hole)

4930'-4936'

5580'-5596'

SN LANDED @ 5602' KB  
EOT LANDED @ 5626' KB

PBTD @5971' KB  
TD @ 6030' KB



**Inland Resources Inc.**

Pariette Bench Federal # 32-6  
SW NE Section 6, T9S, R19 E  
2117' FNL, 2123' FEL  
Lease #U-50385  
Pariette Bench  
Uintah County, Utah

## Pariette Bench Federal # 14-5

## Wellbore Diagram

Elev.GR - 4711' GL  
Elev.KB - 4725'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 277.73 (6 jts)  
DEPTH LANDED: 276.08' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 250 sxs type 2 w/ 2%  
CaCl<sub>2</sub>, 1/4#/sk Flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: k-55  
WEIGHT: 15.5#  
LENGTH: 5761.34'  
DEPTH LANDED: 5760' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 307 sxs class "G"  
Tailed w/ 544 sxs 10% RFC  
CEMENT TOP AT: 500' KB

TUBING

SIZE/GRADE/WT.:  
NO. OF JOINTS:  
TUBING ANCHOR:  
NO. OF JOINTS:  
SEATING NIPPLE:  
PERFORATED SUB:  
MUD ANCHOR:  
STRING LENGTH:  
SN LANDED AT:

SUCKER RODS

POLISHED ROD:  
SUCKER RODS:

STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:  
STROKE LENGTH:  
PUMP SPEED, SPM:  
PUMPING UNIT:  
PRIME MOVER:

ACID JOB /BREAKDOWN

9/19/82 4438'-4458' 1000 gal 7-1/2% HCL  
w/ 100 ball sealers. ATP=3300 psi  
ATR=5.2 bpm, ISIP=100 psi,  
15 min.=1300 psi, 20 min.=1300 psi.

FRAC JOB

7/30/82 5030'-5075' 3500 gal 10% HCL W/  
45,000 gal Apollo 40 and  
85,000 # 20/40 sand.  
ATP=1900 psi, ATR=30 bpm, &  
ISIP= 1700 psi, 15 min.= 1700,  
20 min.= 1700 psi

PERFORATION RECORD

7/28/82 5030'-5075' 1 SPF (46 holes)  
8/18/82 4856'-4872' 2 SPF (33 holes)  
9/18/82 4438'-4458' 2 SPF (41 holes)  
9/19/82 4438'-4458' Reperforated 2 SPF 41 holes

4438'-4458'

4856'-4872'

5030'-5075'

SN LANDED @ ' KB  
EOT LANDED @ ' KB

PBTD @5720' KB  
TD @ 5765' KB



Inland Resources Inc.

Pariette Bench Federal #14-5  
SW SW Section 5, T9S, 19E  
605' FSL, 479' FWL  
U-017992  
Pariette Bench  
Uintah County, Utah

**Attachment "G"**

**Pariette Bench Federal #43-6  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
Top	Bottom					
5181	5221	5201	1870	0.79	1852	←
4732	4763	4748	2000	0.85	1983	
				<b>Minimum</b>	<u>1852</u>	

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (Frac\ Grad - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

$Frac\ Gradient = (ISIP + (0.433 \times Avg.\ Depth)) / Avg.\ Depth$

**Please note:** These are existing perforations; additional perforations may be added during the actual completion procedure.

EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION

PARIETTE BENCH #43-6  
NE SE Section 6, T9S, R19E  
Uintah County, Utah  
Attachment to Recompletion Sundry Notice

- 9-28-94      Recompletion  
MIRU Basin Well Service Rig #2. Hang well off. Unseat bottom-hole pump, flush rods w/30 bbls hot 2% KCL wtr. TOH w/rods & pump. ND wellhead. NU BOP. PBDT @ 5407' KB. Tally out of hole w/2-3/8" tbg (165 jts 2-3/8", SN, & 6' sub). PU bit & scraper, RIH, tag PBDT, TOOH w/bit & scraper.
- 9-29-94      Recompletion  
Seat Nipple was washed out. Hole on vacuum, RU Cutter WL truck & run GR/CCL. Correlate to Schlumberger Litho-Density dated 5-14-85. Fluid @ 4250' when running gun tool. Perf 4732'-4744' & 4757'-4763' (4 SPF) 90° phasing. PU & RIH w/packer, 6' sub, BP, & 153 jts 2-3/8" tbg. Set BP @ 4800' KB.
- 10-1-94      Recompletion  
BP @ 4800' KB & packer @ 4680' KB, EOT @ 4690'. RU Western for break down on 4732'-44' & 4757'-63' w/2,756 gals KCL wtr. ATP 3800, max 4300 psi. ATR 6 bpm. ISIP 1300 psi, 5 min 800 psi, 10 min 750 psi, 15 min 750. RD Western. Release packer & POOH w/tbg, SN, packer, 6' sub & retrieving head.
- 10-3-94      Recompletion  
RU Western to frac 4732'-44' & 4757'-63' w/80,000# 16/30 mesh sand w/24,072 gals 2% KCL gelled wtr. ATP 1900 psi, max 2500 psi. ATR 30 bpm. ISIP 2000 psi, 5 min 1800 psi, 10 min 1550 psi, 15 min 1450 psi, 30 min 1220 psi. RD Western.
- 10-4-94      Recompletion  
CP 250 psi, FL @ surface. TIH w/retrieving head, 6' sub, packer, SN & tbg. Tagged sand fill @ 4730' KB. Circ down 2 jts to 4790' KB. Set packer @ 4680' KB. Swab well, IFL @ surface, made 21 runs, FFL @ 2400' (5% oil, 10% gas w/small trace of sand). Swabbed 71 bbls.

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4651'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. RU perforators and perforate with 4 shots at 288'.
5. Plug #3 Circulate 90 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

The approximate cost to plug and abandon this well is \$33,025.

## Pariette Bench Federal #43-6

Spud Date: 5/06/85  
 Put on Production: 5/31/85  
 GL: 4806' KB: 4816'

Initial Production: 75 BOPD,  
 9 MCFD, 6 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 5 jts. (224.6') - landed at 237.69'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs Class "H" cmt, est 4 bbls cmt to surf.

Proposed P & A  
Wellbore Diagram

Casing shoe at 238'

288' plug using 90 sx Class G cement down the 5-1/2"  
 casing and up the 5-1/2" x 8-5/8" annulus to surface

Perforate 4 SPF at 288'

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (5746')  
 DEPTH LANDED: 5748.49'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 184 sxs Hilift & 384 sxs 10-0 RFC.  
 CEMENT TOP AT: 1250 per CBL

TOC at 1250'

200' balanced plug using 25 sx Class G cement over  
 water zone from 2000' to 2200'

100' plug using 12 sx Class G cement on top of CIBP  
 CIBP set at 4651'

4732'-4744'

4757'-4763'

5181'-5186'

5205'-5221'

TD @ 6000'



Inland Resources Inc.

**Pariette Bench Federal 43-6**

2044' FSL & 721' FEL  
 NESE Section 27-T8S-R17E  
 Uintah County, Utah  
 East Pariette Unit  
 API #43-047-31616; Lease #U-017992

JM 6/04/02



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/SE 2044' FSL, 721' FEL Sec. 6, T9S, R19E**

5. Lease Designation and Serial No.

**U-017992**

6. If Indian, Allottee or Tribe Name

**NA**

7. If unit or CA, Agreement Designation

**East Pariette Unit**

8. Well Name and No.

**Priette Bench 43-6**

9. API Well No.

**43-047-31616**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Uintah County, Utah**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing repair ☐ Water Shut-off  
☐ Altering Casing ☒ Conversion to Injection  
☐ Other ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct

Signed

**Joyce I. McGough**

**Regulatory Specialist**

Date

**6-7-02**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



June 7, 2002

Mr. Edwin I. Forsman  
Bureau of Land Management  
Vernal District Office, Division of Minerals  
170 South 500 East  
Vernal, Utah 84078

RE: Pariette Bench Federal #43-6  
Section 6-Township 9S-Range 19E  
Monument Butte Field, East Pariette Unit  
Uintah County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me at 303/893-0102.

Sincerely,

A handwritten signature in dark ink, reading "Joyce McGough". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Joyce McGough  
Regulatory Specialist

Enclosures

7-202 TRIB. + DES NEWS  
7-03-02 V. M. Ex

Brad

**FILED**

**SEP 25 2002**

**BEFORE THE BOARD OF OIL, GAS AND MINING**

**DEPARTMENT OF NATURAL RESOURCES**

**STATE OF UTAH**

**SECRETARY, BOARD OF  
OIL, GAS & MINING**

**IN THE MATTER OF THE REQUEST  
FOR AGENCY ACTION OF INLAND  
PRODUCTION COMPANY FOR  
APPROVAL OF OPERATIONS AND  
ENHANCED AND SECONDARY  
RECOVERY IN THE GREEN RIVER  
FORMATION IN SECTIONS 4-9, 17,  
AND 18, TOWNSHIP 9 SOUTH,  
RANGE 19 EAST, S.L.M., UINTAH  
COUNTY, UTAH, FOR AUTHORITY  
FOR UNDERGROUND INJECTION OF  
WATER, AND CERTIFICATION AS  
AN ENHANCED RECOVERY  
PROJECT**

**) FINDINGS OF FACT,  
) CONCLUSIONS OF LAW, AND  
) ORDER GRANTING APPROVAL  
) OF UNIT AND ENHANCED AND  
) SECONDARY RECOVERY,  
) AUTHORITY FOR  
) UNDERGROUND INJECTION OF  
) WATER, AND FOR  
) CERTIFICATION AS AN  
) ENHANCED RECOVERY  
) PROJECT**

**Docket No. 2002-012  
Cause No. 171-02**

THIS CAUSE came on regularly for hearing before John Baza, Associate

Director—Oil and Gas, Utah Division of Oil, Gas and Mining (the “Division”), as the Utah Board of Oil, Gas and Mining’s (the “Board”) designated hearing examiner, on Monday, July 22, 2002, at the hour of 1:30 p.m. in Suite 2000, Department of Natural Resources, 1594 West North Temple, Salt Lake City, Utah, and twice regularly for hearing before the Board; first on Wednesday, July 31, 2002, at the hour of 10:00 a.m. in the Emery County Courthouse, Commission Chambers, 95 East Main, Castle Dale, Utah, and again on Wednesday, August 28, 2002, at the hour of 10:00 a.m. in the Auditorium of the Department of Natural Resources, 1594 West North Temple, Suite 1050, Salt Lake City, Utah. The following Board members were present at the July 31, 2002 hearing: Elise L. Erler, Chairperson, W. Allan Mashburn, Stephanie B. Cartwright, J. James Peacock, Robert J. Bayer, Kent R. Peterson, and Douglas E. Johnson. The following Board members were present at the August 28, 2002 hearing: Elise L. Erler, Chairperson, W. Allan Mashburn, J. James Peacock,

Robert J. Bayer, Kent R. Peterson, and Douglas E. Johnson. Gil Hunt, Technical Services Manager, Brad Hill, Petroleum Geologist, and Dustin Doucet, Petroleum Engineer, were present for the Division at all three hearings. The Division was represented by Steven F. Alder, Assistant Attorney General, at all three hearings and the Board was represented by Kurt E. Seel, Assistant Attorney General, at both the July 31, 2002 and August 28, 2002 hearings. The petitioner, Inland Production Company ("Inland"), was represented by Thomas W. Clawson of Van Cott, Bagley, Cornwall & McCarthy ("Van Cott") at the July 22, 2002 and August 28, 2002 hearings and by Gregory P. Williams, also of Van Cott, at the July 31, 2002 hearing. Jeff Fandrich, Manager of Land, and Jeff Woehrle, Petroleum Engineer, testified on behalf of the petitioner at the July 22, 2002 hearing. Attending and participating at the July 22, 2002 hearing on behalf of the United States Department of the Interior, Bureau of Land Management ("BLM") was Robert Henricks, Chief—Branch of Fluid Minerals, Utah State Office, who also was present at the July 31, 2002 hearing. No persons or parties appeared at the July 22, 2002 or the August 28, 2002 hearings in opposition to Inland's Request for Agency Action in this matter. Frederick M. MacDonald of Pruitt, Gushee & Bachtell appeared on behalf of Palo Production Corp. ("Palo") at the July 31, 2002 hearing. At that hearing, Palo and Inland presented argument regarding the Board's consideration of the Hearing Examiner's Recommended Findings of Fact and Conclusions of Law and the entry of an order by the Board in this cause at that hearing. After considering Palo's and Inland's arguments, the Board announced that it would take the matter under advisement until its regularly scheduled August 28, 2002 hearing. Subsequently, by letter dated August 8, 2002, which was filed with the Board, Palo withdrew its protest of Inland's Request for Agency Action. At the August 28, 2002 hearing, after considering Palo's withdrawal of its protest and the designated hearing examiner's recommended findings of fact and conclusions of law, the Board approved petitioner's request to approve unit

operations, and enhanced and secondary recovery operations, authority for underground injection of water, and certify the East Pariette (Green River) Unit as an "Enhanced Recovery Project." The Board's vote approving Inland's Request for Agency Action was unanimous.

NOW, THEREFORE, the Board having fully considered Palo's withdrawal of its protest and the designated hearing examiner's recommended findings of fact and conclusions of law as based on the testimony adduced and the exhibits received at the July 22, 2002 hearing, being fully advised by Hearing Examiner Baza, and good cause appearing, hereby makes the following Findings of Fact, Conclusions of Law, and Order:

### **FINDINGS OF FACT**

1. Notices of the time, place, and purpose of the July 22, 2002 hearing and the Board's regularly scheduled July 31, 2002 hearing were mailed to all interested parties and all owners or operators and surface owners within one-half mile of the proposed unit by first-class mail, postage prepaid, and were duly published in the Salt Lake Tribune, Deseret News, and the Vernal Express pursuant to the requirements of Utah Administrative Code ("U.A.C.") Rule R641-106-100. The notices stated that objections to Inland's Request for Agency Action should be filed with the Secretary of the Board no later than July 8, 2002, and that objections filed later may be considered by the Board for good cause shown. Copies of the Request for Agency Action were mailed to all interested parties pursuant to U.A.C. Rule R641-104-135. Notice of the Board's regularly scheduled August 28, 2002 hearing also was published pursuant to the requirements of the Utah Administrative Code.

2. Inland Production Company is a Texas corporation in good standing, having its principal place of business in Denver, Colorado, and is qualified to and is doing business in Utah.

3. The proposed East Pariette (Green River) Unit embraces the following described lands in the Monument Butte Field, Uintah County, Utah:

Township 9 South, Range 19 East, S.L.M.

Section 4: Lots 1-4, S $\frac{1}{2}$ SW $\frac{1}{4}$  (All)

Section 5: Lots 1-4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$  (All)

Section 6: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ , S $\frac{1}{2}$  (All)

Section 7: All

Section 8: All

Section 9: Lot 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$  (All)

Section 17: N $\frac{1}{2}$

Section 18: N $\frac{1}{2}$

(containing 3,953.52 acres, more or less).

4. The formation to be unitized and approved for enhanced and secondary recovery operations is the Green River Formation, more particularly described as follows:

The "Unitized Formation" shall mean the subinterval of the Green River Formation as identified by the CNL/FDC log run in the Pariette Bench Federal #32-6 Well located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 19 East, Uintah County, Utah, with the top of the Unitized Formation being found at a measured depth of 4,104 feet, a vertical depth of 4,090 feet below the surface (736 feet subsea), and the base of the Unitized Formation being found at a measured depth of 5,860 feet, a vertical depth of 5,846 feet below the surface (-1,020 feet subsea) or the stratigraphic equivalent thereof.

5. The minerals in the lands embraced within the proposed East Pariette (Green River) Unit are subject to United States Oil and Gas Lease Nos. U-4493, U-5843, U-017991, U-017992, U-022684-A, U-058149, UTU-16544, UTU-50385, and UTU-75089. The oil and gas and other hydrocarbon minerals subject to these leases are owned by the United States of America.

6. Inland owns working interests in the acreage sought to be unitized.

7. The United States of America is the surface owner of most of the lands embraced within the proposed unit area. The surface of the remaining lands is privately owned. The federal subject lands are administered by the BLM.

8. Drilling within the proposed project area has proceeded under state-wide location and density patterns for the location and siting of wells established by Rule R649-3-2, U.A.C., and predecessor rules.

9. The following wells have been completed in the acreage sought to be unitized:

a. Pariette Bench Federal #23-5 situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 5, Township 9 South, Range 19 East. This has been plugged and abandoned.

b. Pariette Bench Federal #14-5 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 5, Township 9 South, Range 19 East. First production occurred in October 1982.

c. Pariette Bench Unit #6 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 5, Township 9 South, Range 19 East. This well has been plugged and abandoned.

d. Pariette Bench Federal #34-5 situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 5, Township 9 South, Range 19 East. This well has been plugged and abandoned.

e. Pariette Bench Federal #32-6 (SI) situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 19 East. First production occurred in December 1984.

f. Pariette Bench Federal #43-6 (SI) situated in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, Township 9 South, Range 19 East. First production occurred in May 1985.

g. Pariette Bench Unit #41-7 (SI) situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 7, Township 9 South, Range 19 East. First production occurred in December 1985.

h. Pariette Bench Unit #3 situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 7, Township 9 South, Range 19 East. This well has been plugged and abandoned.

i. Pariette Bench #2 situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 7, Township 9 South, Range 19 East. First production occurred in July 1962.

- j. Pariette Bench Federal #4 (SWD) situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 7, Township 9 South, Range 19 East. This well has been converted to a salt water disposal well.
- k. Pariette Bench #12-8 situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 8, Township 9 South, Range 19 East. This well has been plugged and abandoned.
- l. Pariette Bench Federal #32-8 situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 8, Township 9 South, Range 19 East. This well and location have been abandoned.
- m. Muirfield Federal #13-8 situated in the NW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 8, Township 9 South, Range 19 East. This well has been plugged and abandoned.
- n. Hendel Federal #1-8 situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 8, Township 9 South, Range 19 East. This well has been plugged and abandoned.
- o. Hendel Federal #1-9 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 9, Township 9 South, Range 19 East. First production occurred in March 1966.
- p. Chorney Federal #1-9 (SI) situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 9, Township 9 South, Range 19 East. First production occurred in December 1969.
- q. Hendel Federal #2-17 situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 17, Township 9 South, Range 19 East. This well has been plugged and abandoned.
- r. Hendel Federal #1-17 situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 17, Township 9 South, Range 19 East. First production occurred in August 1969.
- s. Pariette Bench Federal #11-17 situated in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 17, Township 9 South, Range 19 East. This well and location have been abandoned.
- t. Hendel Federal #3-17 (SI) situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 17, Township 9 South, Range 19 East. First production occurred in January 1970.



- u.       Pariette Bench #32-17 situated in the SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> of Section 17, Township 9 South, Range 19 East. This well has been plugged and abandoned.
  - v.       Pariette Bench #9 situated in the NE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> of Section 18, Township 9 South, Range 19 East. This well has been plugged and abandoned.
  - w.       Pariette Bench #10 situated in the NE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> of Section 18, Township 9 South, Range 19 East. This well has been plugged and abandoned.
  - x.       Pariette Bench #22-18 situated in the SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> of Section 18, Township 9 South, Range 19 East. This well has been plugged and abandoned.
10.       Most of the wells described above have produced oil and gas from the Green River Formation.
11.       The reservoir underlying the proposed project area is a solution-gas drive reservoir that is slightly under saturated and slightly under pressured. As is characteristic of such reservoirs, there is a relatively rapid loss of reservoir energy as primary production occurs, resulting in a rapid decline in production and low primary recovery.
12.       As of May 1, 2002, the remaining estimated gross economic proved producing reserves for the producing wells within the proposed East Pariette (Green River) Unit are approximately 186,138 barrels of oil and 252,638 MCF of gas. Together with the historic production from the wells within the proposed unit area, this primary production represents approximately four percent of the original oil in place. If enhanced recovery operations as outlined in petitioner's Request for Agency Action and as presented at the July 22, 2002 hearing are implemented in the proposed East Pariette (Green River) Unit, total gross remaining reserves are estimated to be approximately 479,318 barrels of oil and 490,757 MCF of gas.

13. A water flood enhanced and secondary recovery project in the Green River Formation in the proposed East Pariate (Green River) Unit area could increase ultimate recovery by approximately 293,180 barrels of oil and 238,119 MCF of gas.

14. Inland is the operator of numerous other water flood secondary recovery projects in the Monument Butte Field area, for example, the Monument Butte "D" Sand Unit, the Hawkeye (Green River) Unit, the Gilsonite Unit, the Expanded Travis Unit, Greater Boundary Unit, the Sand Wash Unit, West Point (Green River) Unit, South Monument Butte Unit, and the South Wells Draw Unit, and three enhanced and secondary recovery projects, the Monument Butte Northeast Project, the Monument Butte East Project, and the Odekirk Spring 36 Waterflood Project. Inland is experienced in the operation of water flood projects.

15. Inland requested approval of the following wells as the initial water injection wells in the proposed East Pariate (Green River) Unit: the Pariate Bench Federal #43-6 Well situated in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, the Pariate Bench Unit #41-7 Well situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 7, and the Hendel Federal #3-17 Well situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 17, all in Township 9 South, Range 19 East, S.L.M. All technical requirements for the approval of the Pariate Bench Federal #43-6 Well as a Class II injection well have been met. The remaining proposed initial injection wells will be approved by the Division on an administrative basis following the completion of the UIC application process.

16. Under the proposed enhanced and secondary recovery plan, the average injection rate will be approximately 500 barrels per day per injection well. The maximum pressure will vary by well, but will be within the range of approximately 1,400 to 1,850 p.s.i., or a pressure less than parting pressure as determined by step rate tests.

17. The majority of the water to be used for the water flood project is to be acquired from the Johnson Water District, which water is suitable for injection. Water from the identical source is now being used, or is authorized for use, for water flood operations at other water flood units or projects operated by Inland, as authorized by the Board. The remaining water to be injected will be obtained from wells producing oil and gas from the formation that is being injected. That produced water also is suitable for injection.

18. The proposed water flood project will require additional expenses beyond the expenses associated with primary recovery operations. Enhanced and secondary recovery will result in recovery of approximately 293,180 additional barrels of oil and 238,119 MCF of gas. The value of the estimated additional recovery of oil and gas substantially exceeds the estimated additional cost incident to conducting enhanced and secondary recovery operations.

19. Portions of the lands contained within the boundaries of the proposed East Pariette (Green River) Unit are subject to the Pariette Bench Unit Agreement and Unit Operating Agreement governing the federally administered Pariette Bench Exploratory Unit. Concurrently with the formation of the East Pariette (Green River) Unit, Inland will terminate the Pariette Bench Exploratory Unit, including the unit agreement and unit operating agreement. Upon the termination of those agreements, no voluntary agreement as contemplated by Section 40-6-7(1) of the Utah Code Annotated and no plan of development and operation of the pool as contemplated by Section 40-6-7(2) of the Utah Code Annotated will exist with respect to the proposed East Pariette (Green River) Unit.

20. The proposed voluntary agreement contemplated by Sections 40-6-7 and 40-6-8 of the Utah Code Annotated will take the form of the East Pariette (Green River) Unit Agreement and East Pariette (Green River) Unit Operating Agreement, as introduced, amended, and

admitted into evidence at the July 22, 2002 hearing, and which contain all provisions required by statute. The East Pariette (Green River) Unit Agreement (Figure 5 in Exhibit 1, as introduced and admitted at the July 22, 2002 hearing) was amended and revised at the hearing by Exhibit 11 (revising the participation and allocation formula) (collectively hereinafter, the "Revised East Pariette (Green River) Unit Agreement"). The East Pariette (Green River) Unit Operating Agreement (Figure 6 in Exhibit 1, as introduced and admitted at the July 22, 2002 hearing) was revised and amended at the hearing by Exhibit 15 (revising Exhibit "D" to the unit operating agreement) (collectively, hereinafter, the "Revised East Pariette (Green River) Unit Operating Agreement").

21. In excess of 70 percent of all owners of working interests and non-cost bearing interests, such as royalty and overriding royalty interests, are agreeable to the plan of unit development and enhanced and secondary recovery operations prescribed by the Division and the Board, as provided in petitioner's Request for Agency Action and Exhibits 1, 2, 5, 6, 9, 10, 11, 13, and 15 through 18 as introduced and admitted at the July 22, 2002 hearing, and have expressed in writing their approval of said plan of operations.

22. The United States of America has indicated that it is willing to approve the proposed unit, enhanced, and secondary recovery operations.

23. Inland will be designated unit operator.

24. The formula for allocation of costs and production proposed by Inland as contained in the Revised East Pariette (Green River) Unit Agreement utilizes parameters previously approved by the Board for use in several of Inland's other water flood secondary recovery projects. Such parameters are commonly used in the industry and the participation formula is consistent with industry practices.

25. The Revised East Pariette (Green River) Unit Agreement and Revised East Pariette (Green River) Unit Operating Agreement, with attachments, as amended and revised and as introduced and admitted at the July 22, 2002 hearing as materials in Exhibits 1, 11, and 15 are acceptable to the Division and the Board.

26. The Geology and Engineering Report for the proposed East Pariette (Green River) Unit as revised by Exhibits 5, 6, 9, 10, 13, and 16 and as introduced and admitted at the July 22, 2002 hearing as materials contained in Exhibit 2, is acceptable to the Division and the Board.

27. The plan of development contained in the Revised East Pariette (Green River) Unit Agreement, the Revised East Pariette (Green River) Unit Operating Agreement, and the Geology and Engineering Report will satisfy the requirements of Section 40-6-8(3) of the Utah Code Annotated, and will accomplish the goals of the enhanced and secondary recovery project.

28. Unit, enhanced, and secondary recovery operations in the proposed East Pariette (Green River) Unit area are necessary to fulfill the purposes of Chapter 6 of Title 40 of the Utah Code Annotated.

29. Section 59-5-102(4) of the Utah Code Annotated provides that a 50 percent reduction in the severance tax rate is imposed upon the incremental production achieved from an enhanced recovery project. Section 59-5-101(4) provides, in pertinent part, that:

“Enhanced recovery project” means: (a) the injection of liquids . . . directly into a reservoir for the purpose of augmenting reservoir energy, modifying the properties of the fluids or gases in a reservoir, or changing the reservoir conditions to increase the recoverable oil, gas, or oil and gas through the joint use of two or more well bores; and (b) a project initially approved by the board as a new or expanded recovery project on or after January 1, 1996.

Section 59-5-101(6) provides that:

“Incremental production” means that part of production, certified by the Division of Oil, Gas and Mining, which is achieved from an enhanced

recovery project that would not have economically occurred under the reservoir conditions existing before the project and that has been approved by the division as incremental production.

30. The unit, enhanced, and secondary operations for the proposed East Pariette (Green River) Unit qualify as operations of an enhanced recovery project for purposes of Section 59-5-102(4) of the Utah Code Annotated.

31. On July 18, 2002, the Board received by facsimile a letter dated July 18, 2002, from Palo Production Corp. ("Palo") filed in protest of Inland's proposed East Pariette (Green River) Unit. The July 18, 2002 letter indicates that Palo received notice of Inland's Request for Agency Action on June 26, 2002. Palo also acknowledges that the proposed unit would include an 82.33 acre tract of Federal Oil and Gas Lease No. UTU-75089, which Palo owns. The letter indicates that Palo objects to the approval of the proposed unit because approval of the unit would result in the segregation of the federal lease, and Palo had "some question about the calculation of beneficial percentage participation rather than a more standard participation factor." Palo's protest letter was filed after the July 8, 2002 deadline for filing protests to Inland's Request for Agency Action. The letter did not provide any reasons why the protest letter was filed after the protest period expired, nor does it make any showing of good cause why the Board should consider Palo's untimely objections.

32. Petitioner Inland, representatives of the BLM, and the Division's attorney and staff, were the only persons or parties who attended or participated in the July 22, 2002 hearing.

33. Both Palo and Inland attended and appeared at the Board's July 31, 2002 hearing.

34. Palo withdrew its protest by letter dated August 8, 2002, addressed to and filed with the Board.

## **CONCLUSIONS OF LAW**

35. Due and regular notice of the time, place, and purposes of the July 22, 2002 hearing and the Board's regularly scheduled July 31, 2002 and August 28, 2002 hearings was given to all interested parties and all owners and operators and surface owners within one-half mile of the proposed unit in the form and manner and within the time required by law and the Rules and Regulations of the Board. Due and regular notice of the filing of the Request for Agency Action was given to all interested parties and all owners and operators and surface owners within one-half mile of the proposed unit in the form and manner and within the time required by law and the Rules and Regulations of the Board.

36. The Board has jurisdiction of the parties and subject matter of this Request for Agency Action, pursuant to Sections 40-6-5, 40-6-7, and 59-5-102 of the Utah Code Annotated and has power and authority to make and promulgate the order herein set forth.

37. Unit, enhanced, and secondary recovery operations in the Green River Formation as contemplated by the Revised East Pariette (Green River) Unit Agreement and Revised East Pariette (Green River) Unit Operating Agreement, as introduced and admitted at the July 22, 2002 hearing, are in the public interest and will promote conservation, will increase ultimate recovery, will prevent waste, and will protect correlative rights.

38. Unit, enhanced, and secondary recovery operations for the proposed East Pariette (Green River) Unit are reasonably necessary to fulfill the purposes of Chapter 6 of Title 40 of the Utah Code Annotated.

39. The plan of development contained in the Revised East Pariette (Green River) Unit Agreement, Revised East Pariette (Green River) Unit Operating Agreement, and Geology and Engineering Report as contained in Exhibits 1, 2, 5, 6, 9, 10, 11, 13, and 15 through 18

and as introduced and admitted at the July 22, 2002 hearing will accomplish the goals of the proposed East Pariette (Green River) Unit.

40. Petitioner's application for injection well for the Pariette Bench Federal #43-6 Well meets all applicable statutory and administrative requirements for the approval of the well as a Class II injection well.

41. Good cause appears to certify the East Pariette (Green River) Unit as an enhanced recovery project for the purposes of Section 59-5-102(4) of the Utah Code Annotated.

42. Inland has complied with the requirements of Section 40-6-8(4) of the Utah Code Annotated.

### **ORDER**

IT IS THEREFORE ORDERED that:

1. The Green River Formation, defined as follows:

the subinterval of the Green River Formation as identified by the CNL/FDC log run in the Pariette Bench Federal #32-6 Well located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 19 East, Uintah County, Utah, with the top of the Unitized Formation being found at a measured depth of 4,104 feet, a vertical depth of 4,090 feet below the surface (736 feet subsea), and the base of the Unitized Formation being found at a measured depth of 5,860 feet, a vertical depth of 5,846 feet below the surface (-1,020 feet subsea) or the stratigraphic equivalent thereof

underlying the lands collectively named the East Pariette (Green River) Unit Area described as follows:

Township 9 South, Range 19 East, S.L.M.

Section 4: Lots 1-4, S $\frac{1}{2}$ SW $\frac{1}{4}$  (All)

Section 5: Lots 1-4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$  (All)

Section 6: Lots 1-4, S $\frac{1}{2}$ N $\frac{1}{2}$ , S $\frac{1}{2}$  (All)

Section 7: All

Section 8: All

Section 9: Lot 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$  (All)



Section 17: N½

Section 18: N½

(containing 3,953.52 acres, more or less)

constitutes a pool for the operation of the proposed unit and the Board hereby establishes the same as a pool to be operated jointly as a unit for the continued operation of all wells thereon. The lands and pool shall be known as the East Pariette (Green River) Unit Area.

2. The unit hereby established shall be known as the East Pariette (Green River) Unit.

3. The Green River Formation, as defined in paragraph 1 of this Order, constitutes a pool for the operation of a water flood enhanced and secondary recovery project, and the Board hereby establishes the same to be operated as a unit for enhanced and secondary recovery operations.

4. The East Pariette Unit Agreement and East Pariette Unit Operating Agreement, with attachments, as amended and revised in the form introduced and admitted at the July 22, 2002 hearing as materials in Exhibits 1, 11, and 15 (the "Revised East Pariette Unit Agreement" and "Revised East Pariette Unit Operating Agreement," respectively) are approved.

5. The plan of development and operations set forth in the Revised East Pariette Unit Agreement and the Revised East Pariette Unit Operating Agreement, and the Geology & Engineering Report, as revised by Exhibits 5, 6, 9, 10, 13, and 16 and as introduced and admitted at the July 22, 2002 hearing as materials contained in Exhibit 2, is hereby approved.

6. Pursuant to Utah Code Ann. § 40-6-8(4), the Revised East Pariette Unit Agreement and Revised East Pariette Unit Operating Agreement shall be binding upon all owners of working interests or operating rights and all owners of lessor's royalty and other leasehold burdens as authorized by Utah Code Ann. §§ 40-6-7 and 40-6-8, because more than 70 percent of

those owners have approved in writing the plan for unit operations prescribed by the Division and the Board.

7. Any owner of working interest or operating rights who does not voluntarily commit its interest to the East Pariette Unit shall be a “non-consenting owner” and shall be deemed to have contracted with the unit operator for its proportionate part of the cost of developing and operating the Unit Area in accordance with Section 40-6-8(3)(e) of the Utah Code Annotated.

8. The allocation formula described in the Revised East Pariette Unit Agreement and the Revised East Pariette Unit Operating Agreement is hereby approved.

9. **Inland’s application for approval of the Pariette Bench Federal #43-6 Well as a Class II injection well is approved.** The remaining individual injection wells shall be approved by the Division on an administrative basis in accordance with Utah Administrative Code R649-5-2.

10. The East Pariette (Green River) Unit is certified as an enhanced recovery project for purposes of the severance tax rate reduction pursuant to Section 59-5-102(4) of the Utah Code Annotated.

11. State-wide field or well location and siting rules affecting the subject lands and formation are hereby suspended to the extent said orders or rules are inconsistent with this Order.

12. This Order does not waive jurisdiction of the Board over the Underground Injection Control (UIC) program with respect to the injection wells contemplated for the East Pariette (Green River) Unit Area, and expressly directs Inland to comply with all requirements and procedures of the UIC program.

13. The underground injection program proposed by Inland in connection with the enhanced and secondary recovery project is hereby approved.

14. Pursuant to Utah Administrative Code R641 and Utah Code Ann. § 63-46b-6 to -10 (1953, as amended), the Board has considered and decided this matter as a formal adjudication.

15. This Findings of Fact, Conclusion of Law and Order (“Order”) is based exclusively on evidence of record in the adjudicative proceeding or on facts officially noted, and constitutes the signed written order stating the Board’s decision and the reasons for the decision, all as required by the Utah Administrative Procedures Act, Utah Code Ann. § 63-46b-10 and Utah Administrative Code R641-109.

16. Notice re Right to Seek Judicial Review by the Utah Supreme Court or to Request Board Reconsideration: As required by Utah Code Ann. § 63-46b-10(e) to -10(g) (1953, as amended), the Board hereby notifies all parties in interest that they have the right to seek judicial review of this final Board Order in this formal adjudication by filing a timely appeal with the Utah Supreme Court within 30 days after the date that this Order is issued. Utah Code Ann. § 63-46b-14(3)(a) and -16 (1953, as amended). As an alternative to seeking immediate judicial review, and not as a prerequisite to seeking judicial review, the Board also hereby notifies parties that they may elect to request that the Board reconsider this Order, which constitutes a final agency action of the Board. Utah Code Ann. § 63-46b-13, entitled, “Agency review - Reconsideration,” states:

(1)(a) Within 20 days after the date that an order is issued for which review by the agency or by a superior agency under Section 63-46b-12 is unavailable, and if the order would otherwise constitute final agency action, any party may file a written request for reconsideration with the agency, stating the specific grounds upon which relief is requested.

(b) Unless otherwise provided by statute, the filing of the request is not a prerequisite for seeking judicial review of the order.

(2) The request for reconsideration shall be filed with the agency and one copy shall be sent by mail to each party by the person making the request.

(3)(a) The agency head, or a person designated for that purpose, shall issue a written order granting the request or denying the request.

(b) If the agency head or the person designated for that purpose does not issue an order within 20 days after the filing of the request, the request for reconsideration shall be considered to be denied.

Id. The Board also hereby notifies the parties that Utah Administrative Code R641-110-100, which is part of a group of Board rules entitled, "Rehearing and Modification of Existing Orders," states:

Any person affected by a final order or decision of the Board may file a petition for rehearing. Unless otherwise provided, a petition for rehearing must be filed no later than the 10<sup>th</sup> day of the month following the date of signing of the final order or decision for which the rehearing is sought. A copy of such petition will be served on each other party to the proceeding no later than the 15<sup>th</sup> day of that month.

Id. See Utah Administrative Code R641-110-200 for the required contents of a petition for rehearing. If there is any conflict between the deadline in Utah Code Ann § 63-46b-13 (1953, as amended) and the deadline in Utah Administrative Code R641-110-100 for moving to rehear this matter, the Board hereby rules that the later of the two deadlines shall be available to any party moving to rehear this matter. If the Board later denies a timely petition for rehearing, the party may still seek judicial review of the Order by perfecting a timely appeal with the Utah Supreme Court within 30 days thereafter.

17. The Board retains continuing jurisdiction over all the parties and over the subject matter of this Cause, except to the extent said jurisdiction may be divested by the filing of a timely appeal to seek judicial review of this Order by the Utah Supreme Court.

18. For all purposes, the Chairman's signature on a faxed copy of this Order shall be deemed the equivalent of a signed original.

ISSUED this 25<sup>th</sup> day of September, 2002.

STATE OF UTAH  
BOARD OF OIL, GAS AND MINING

By Elise L. Erler  
Elise L. Erler, Chairman



ST- 8-5-01  
VE- 8-1-02  
US 8-7-01

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2044 FSL 0721 FEL NE/SE Section 6, T9S R19E**

**RECEIVED**

**JAN 08 2003**

**DIV. OF OIL, GAS & MINING**

5. Lease Designation and Serial No.

**U-017992**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**PARIETTE BENCH FED 43-6**

9. API Well No.

**43-047-31616**

10. Field and Pool, or Exploratory Area

**PARIETTE BENCH**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Re-completion**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Re-completion procedures were initiated in the Green River formation on subject well on 12/23/2002. Existing production equipment was pulled from well. Cement was drilled out f/ 5407' to new PBTD @ 5650'. Three new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP2 sds @ 5540'-5546' (4 JSPF) fraced down 2 7/8 N-80 tbg W/ 30,128# 20/40 mesh sand in 266 bbls YF 125 fluid. Stage #2: LODC sds @ 5251'-5256', 5262'-5268', 5272'-5282', 5286'-5292', 5296'-5302', 5306'-5310', 5319'-5326', 5330'-5338', 5350'-5356' & 5374'-5380' (all 4 JSPF) fraced down 2 7/8 N-80 tbg (along with existing perfs 5181'-5186' and 5205'-5221') W/ 201,000# 20/40 mesh sand in 1556 bbls YF 125 fluid. Stage #3: DS2 sds @ 4600'-4608' and DS3 sds @ 4646'-4651' (all 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 38,347# 20/40 mesh sand in 402 bbls YF 125 fluid (fluid problems caused early shutdown of job--approximately 33,694# sand in formation). All fracs were flowed back through chokes. Frac tbg & tools were pulled from well. New intervals were swab tested for sand cleanup (along W/ existing intervals). A revised BHA & 2 3/8" production tbg were ran in and anchored in well W/ tubing anchor @ 5402', pump seating nipple @ 5435' and end of tubing string @ 5468'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well returned to production via rod pump on 1/6/2003.

14. I hereby certify that the foregoing is true and correct

Signed

*Gary Dietz*  
**Gary Dietz**

Title

**Completion Foreman**

Date

**1/7/2003**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



## Office of the Secretary of State

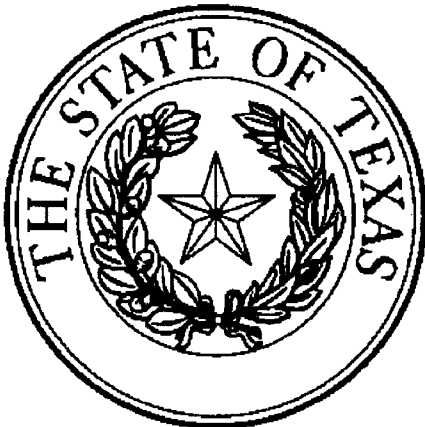
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State



ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

#### 1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

CA No.

Unit:

**EAST PARIETTE (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
PARIETTE BENCH FED 14-5	05	090S	190E	4304731123	13614	Federal	OW	P	
E PARIETTE FED 5-5-9-19	05	090S	190E	4304735254		Federal	OW	APD	K
PARIETTE BENCH FED 32-6	06	090S	190E	4304731554	13614	Federal	OW	P	
PARIETTE BENCH FED 43-6	06	090S	190E	4304731616	13614	Federal	OW	P	
E PARIETTE FED 2-6-9-19	06	090S	190E	4304735206		Federal	OW	APD	K
E PARIETTE FED 6-6-9-19	06	090S	190E	4304735207		Federal	OW	APD	K
E PARIETTE FED 8-6-9-19	06	090S	190E	4304735208		Federal	OW	APD	K
E PARIETTE FED 10-6-9-19	06	090S	190E	4304735209		Federal	OW	APD	K
E PARIETTE FED 16-6-9-19	06	090S	190E	4304735210		Federal	OW	APD	K
PARIETTE BENCH U 2	07	090S	190E	4304715680	13614	Federal	OW	S	
PARIETTE BENCH U 4	07	090S	190E	4304715681	13614	Federal	WD	A	
PARIETTE BENCH FED 41-7	07	090S	190E	4304731584	13614	Federal	OW	S	
E PARIETTE FED 2-7-9-19	07	090S	190E	4304735211		Federal	OW	APD	K
E PARIETTE FED 6-7-9-19	07	090S	190E	4304735212		Federal	OW	APD	K
E PARIETTE FED 10-7-9-19	07	090S	190E	4304735213		Federal	OW	APD	K
HENDEL FED 1-9	09	090S	190E	4304720011	13614	Federal	OW	S	
CHORNEY FED 1-9	09	090S	190E	4304730070	13614	Federal	OW	S	
HENDEL FED 1-17	17	090S	190E	4304730059	13614	Federal	OW	S	
HENDEL FED 3-17	17	090S	190E	4304730074	13614	Federal	OW	S	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005  
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

## Water Analysis Report

Customer : EREC - Western Oil Company

Address : 1601 Lewis Avenue

City : Billings

State : MT Postal Code : 59104-

Attention : John Zellitti

cc1 : Dan Farnsworth

cc2 : Joe Ivey

cc3 :

Field : ~~Monument Butte~~ **PARLETTE BENCH** Field

Lease : Pariette Bench

Location : Well No. 43-6

Sample Point : wellhead

Date Sampled : 24-Jan-97

Date Received : 12-Feb-97

Date Reported: 12-Feb-97

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS			ANIONS		
Calcium :	1,440	mg/l	Chloride:	50,000	mg/l
Magnesium :	155	mg/l	Carbonate:	49	mg/l
Barium :	0	mg/l	Bicarbonate:	403	mg/l
Strontium :	0	mg/l	Sulfate:	3,088	mg/l
Iron :	1.0	mg/l			
Sodium :	32111	mg/l			
pH (field) :	8.03		Specific Gravity :	1.065	grams/ml
Temperature :	85	degrees F	Total Dissolved Solids :	87,247	ppm
Ionic Strength :	1.48		CO2 in Water :	1	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters	H2S in Water :	0.0	mg/l
Ammonia :		ppm	O2 in Water :	0.000	ppm
Comments :					

### SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	1.13	Calcite PTB :	163.7
Gypsum (CaSO4) SI :	-0.37	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A